

# EXHIBIT A-7

File History of U.S. Patent No. 8,041,017 (Dkt. 29-7)

**EXHIBIT 7**  
**File History of U.S.**  
**Patent No. 8,041,017**

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03/16/2007

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031607Case Name/No.: Goldman 56-37-36-44  
Attorney Docket No.: LUTZ 2 00519

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## NEW LARGE ENTITY APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

**Stuart O. Goldman, Richard E. Krock, Karl F. Rauscher and James P. Runyon****Entitled:** EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING1. **Required Papers Enclosed under 37 CFR 1.53(b) (Regular):**

<u>18</u>	Pages of specification
<u>3</u>	Pages of claims
<u>1</u>	Page of Abstract
<u>2</u>	Sheets of Drawings (Figures 1 and 2)

2. **Declaration or oath**☒ Enclosed (**unexecuted**)3. **Assignment**☐ An assignment of the invention to: **Lucent Technologies Inc.** is enclosed as well as the "Assignment Recordation Form Cover Sheet".☒ Payment for the filing of this Assignment is authorized to be charged to a Credit Card. The appropriate form PTO-2038 is enclosed for this purpose. If the Credit Card is unable to be charged, please charge any and all fees or credit any overpayment to Deposit Account No. 06-0308.4. **Information Disclosure Statement**☐ Enclosed ☐ PTO/SB/08 Form ☐ References5. **If a Continuing Application, check appropriate box and supply the requisite information:**☐ Continuation ☐ Divisional ☐ Continuation-in-part  
of prior application no. Examiner: Art Unit:6. **Fee Calculation (37 CFR 1.16)**

CLAIMS AS FILED, LESS ANY CLAIMS CANCELED BY ABOVE-INDICATED AMENDMENT(S)				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	15 - 20 =	0	x \$50	= \$0.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 - 3 =	0	x \$200	= \$0.00
MULTIPLE DEPENDENT CLAIMS (IF APPLICABLE) (37 CFR 1.16(d))		ANY -- 0	x \$360	= \$0.00
UTILITY APPLICATION SIZE FEE (FOR APPLICATION THAT EXCEED 100 SHEETS, FEE FOR EACH GROUP OF 50 ADDITIONAL SHEETS)		0 GROUP(S)	x \$250	= \$0.00
BASIC FEE (37 CFR 1.16(a))				\$300.00
UTILITY SEARCH FEE				\$500.00
UTILITY EXAMINATION FEE				\$200.00
TOTAL LARGE ENTITY FEE =				\$1,000.00

7. **Method of Payment**

☒ The fees indicated above are authorized to be charged to a credit card. The appropriate form PTO-2038 is enclosed for this purpose. If the credit card is unable to be charged, please charge any and all fees or credit any overpayment to Deposit Account No. 06-0308.

8. **Please address correspondence to:**

**CUSTOMER NUMBER 048116**

9. **Please direct telephone calls to:**

**Joseph D. Dreher**

Telephone: 216-861-5582

Facsimile: 216-261-1444


Email: [jdreher@faysharpe.com](mailto:jdreher@faysharpe.com)

Respectfully submitted,

FAY SHARPE LLP

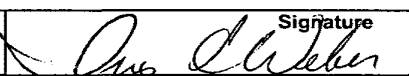
March 16, 2007

Date

  
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 216-861-5582

CERTIFICATE OF EXPRESS MAILING

I certify that this Large Entity New Application Transmittal and accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No.: <b>EV 889469205 US</b>	Signature 
Date <b>March 16, 2007</b>	Printed Name <b>Iris E. Weber</b>

**Client Case Name/No.: Goldman 56-37-36-44**

**Attorney Docket No.: LUTZ 2 00519**

**EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR BRIDGING**

**Field**

The present inventive subject matter relates to the telecommunication arts. Particular application is found in conjunction with certain types of telecommunication networks, and the specification makes particular reference thereto. However, it is to be appreciated that aspects of the present inventive subject matter are also amenable to other like applications and/or networks.

**Background**

In general, it is known to use a telecommunications network, e.g., such as the Public Switched Telephone Network (PSTN) or the like, to complete an emergency call. In many European countries, for example, an emergency telephone service is accessed by dialing 2-1-1. In the United States, 9-1-1 and enhanced 9-1-1 emergency telephone services and the like are known and widely available. Typically, when an emergency call is placed (e.g., by dialing a designated telephone number such as 9-1-1), the emergency call is directed in the usual manner to a Public Safety Answering Point (PSAP) or other like network facility that serves the calling party or is otherwise situated to receive the emergency call.

Commonly, the emergency call placed by the calling party or caller is answered by a call taker or operator manning a workstation at the PSAP facility. Ideally, the calling party reports the nature of the emergency to the operator, e.g., so that the operator can dispatch the appropriate form of aid, such as, the police, fire fighters, ambulance, etc. Of course, as can be appreciated, there are numerous circumstances in which the calling party is unable to effectively communicate with the PSAP operator. For example, the

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calling party and the operator may speak different languages or the calling party may be physically impaired or disabled so as to be unable to speak or hear. As can be appreciated, when the caller is not able to communicate readily with the call taker it is difficult for the call taker to know what type of emergency response should be dispatched. Moreover, delays in dispatching the correct form of help can be disadvantageous.

To address the foregoing issues, certain solutions have been developed and/or implemented. For example, to better serve the hearing impaired population PSAPs are commonly equipped or otherwise provisioned to accept TTY/TDD calls, i.e., calls in which a telephony teletype (TTY) and/or telecommunications device for the deaf (TDD) is employed. Additionally, by employing multi-lingual operators, a PSAP is able to more effectively communicate with a wider range of callers that speak different languages. While the foregoing solutions are generally effective, they have some limitations, and they do not address other circumstances in which a communication barrier may still exist between the calling party and the operator.

For example, while a staff of multi-lingual operators can be advantageous, it is typically too burdensome to have a staff of operators on duty that can speak all the different languages that may be encountered from time to time. That is to say, the operators are normally fluent in only a limited number of languages that are most commonly spoken by the general public in the geographic region that the PSAP serves. Accordingly, PSAP operators may not be able to converse in relatively more obscure languages, for example, which may be spoken by visiting foreigners, outsiders, small local minority populations, etc.

In yet another example, the calling party may be mentally handicapped or disabled or otherwise mentally impaired and therefore unable to effectively communicate or report the nature and/or circumstances of the emergency. For example, the occupants of group homes that may have mental or other impairments and other similarly situated individuals may be able to recognize an emergency situation and call 9-1-1, but they are not able to convey the nature of the emergency. Additionally, the manner in which a mentally impaired

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caller may speak or communicate may lead the operator to misunderstand the caller or not appreciate the calling party's true demeanor or the actual circumstances surrounding the emergency. For example, a mentally impaired caller may appear childlike or even intoxicated from the manner in which they speak and the operator might erroneously infer that the call is a hoax or prank or otherwise misconstrue the seriousness of the call.

Furthermore, there are cases in which it is advantageous to notify a third party that an emergency call has been originated. The group home situation is again an example where notifying a responsible third party of an emergency or problem can be beneficial. For example, such notification may be useful for marginally capable people living semi-independently but otherwise relying on a trusted third party for assistance.

In cases such as the foregoing, it would be advantageous to have a system or method whereby the assistance of one or more third parties could be automatically enlisted to help overcome the communication barrier. Heretofore, however, emergency telephone services have not been developed which suitably achieve this goal.

Accordingly, a new and improved method and/or system for automatically bridging third parties into emergency calls is disclosed that overcomes the above-referenced problems and others.

### **Summary**

In accordance with one embodiment, a method for processing emergency calls in a telecommunications network is provided. The method includes: receiving a first call at a node of the telecommunications network from a calling party that originated the first call; detecting that the received first call is an emergency call; establishing a conference bridge in response to the detected emergency call; connecting the emergency call over the conference bridge to a designated facility that handles emergency calls; and, automatically originating at least one second call from the node to at least one predetermined third party that is different than the calling party and the facility.

In accordance with another embodiment, a system for processing emergency calls in a telecommunications network is provided. Suitably, the

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telecommunications network includes a node that receives a first call from a calling party, and the node includes: detecting means for detecting that the received first call is an emergency call; reserving means for reserving conference facilities in response to the detected emergency call; connecting  
5 means for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and, calling means for automatically originating at least one second call from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party.

10 Numerous advantages and benefits of the inventive subject matter disclosed herein will become apparent to those of ordinary skill in the art upon reading and understanding the present specification.

#### **Brief Description of the Drawings**

The inventive subject matter may take form in various components and  
15 arrangements of components, and in various steps and arrangements of steps. The drawings are only for purposes of illustrating preferred embodiments and are not to be construed as limiting. Further, it is to be appreciated that the drawings are not to scale.

FIGURE 1 is a block diagram illustrating an exemplary  
20 telecommunications network suitable for practicing aspects of the present inventive subject matter.

FIGURE 2 is a flow chart showing an exemplary process embodying aspects of the present inventive subject matter.

#### **Detailed Description of Preferred Embodiments**

25 For clarity and simplicity, the present specification shall refer to structural and/or functional elements, entities and/or facilities, relevant communication standards, protocols and/or services, and other components that are commonly known in the telecommunications art without further detailed explanation as to their configuration or operation except to the extent they have been modified or  
30 altered in accordance with and/or to accommodate the preferred embodiment(s) presented herein.



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Generally, the present specification describes a new and improved emergency calling service and/or feature, nominally termed herein third party emergency call bridging (3PECB). In particular, if a calling party subscribes to the 3PECB service and/or the feature is otherwise enabled and/or activated, 5 then when the calling party places an emergency call (e.g., by dialing 9-1-1), one or more designated third parties are automatically joined to the emergency call or optionally notified of the emergency call.

In a suitable embodiment, when a caller with the 3PECB feature places a 9-1-1 or other like emergency call, suitable conference facilities and/or 10 elements (e.g., within the serving node) are reserved and the call is routed to a PSAP or the like via an associated conference line or path as is otherwise normally done, e.g., with traditional 9-1-1 or enhanced 9-1-1 or other like services. However, suitably in parallel with the connection of the emergency call to the PSAP, one or more calls are placed or otherwise originated to one or 15 more designated telephone numbers or other like addresses of one or more selected third parties. Optionally, the PSAP is also provided a signal or other indication that the one or more third parties have been called and that they may be bridged or otherwise joined to the emergency call.

Suitably, if and/or when the call to the third party is answered, an 20 announcement is played or other signal is provided to the third party explaining or otherwise indicating the situation and/or the purpose for the call, e.g., optionally identifying the party that originated the emergency call. If the third party acquiesces or otherwise indicates a willing to participate in the emergency call, then the third party is bridged to the emergency call and may 25 join in the conversation, provided of course that the calling party is already and/or still connected to the PSAP. Accordingly, the joining third party can then assist in the communication and/or aid in removing any communication barriers, e.g., so that the appropriate emergency response can be dispatched by the PSAP. Moreover, the third party may take any desired follow-up actions 30 deemed appropriate.

Depending on the particular circumstances, the selected third party can be any number of individuals or other entities. For example, if the calling party only speaks a foreign language that is not like to be understood by a typical

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PSAP operator in the geographic area served by the PSAP, then the third party may be a suitable translator. For example, if the calling party is a foreign visitor, the third party may be the local embassy from the visitor's home country. In yet another example, if the calling party is mentally or otherwise impaired or a marginally capable individual (e.g., living semi-independently), then the third party may be a trusted friend, family member, case manager or other care taker.

Regardless of who the third parties may be, it is to be noted that suitably the emergency call set-up to the PSAP is not delayed nor is it dependant on the third party being called or joining. As can be appreciated, the greater urgency is generally that the emergency call reach the PSAP as soon as possible, and then the third party can optionally join into the conversation already under way if and/or when the third party answers. If the third party does not answer, the emergency call suitably proceeds without the third party's assistance. Optionally, the third party may still be notified after the fact.

It is also to be noted that with the approach presented herein the conversation between the calling party and PSAP operator is not disrupted with ringing or busy signals from the third party call insomuch as the third party is only connected to the bridge after they answer, hear the announcement, and acquiesces to participation. Moreover, since the bridge is established prior to connection to the PSAP, there is no negative interaction with the PSAP control on the call path, or recall. Additionally, since the bridge is suitably established at the node providing the service no new signaling protocol has to be developed. Rather, the existing conventional signaling is sufficient to inform the node when the third party answers or is busy.

As described below, the 3PECB service is provided by the serving network access node. However, it is to be appreciated, that optionally the 3PECB service may similarly be provided by the PSAP or an alternate node in the telecommunication network, e.g., the PSTN.

With reference now to FIGURE 1, a calling party uses an end user terminal or end instrument or originating station or terminal **10** to selectively place or originate telephone calls in the usual manner over a telecommunications network **20**, e.g., a public switched telephone network

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(PSTN). Suitably, the terminal **10** receives service and/or obtains access to the network **20** via an originating exchange, end office (EO) or other network access node **30** that is operatively connected to and/or in communication with the network **20** in the usual manner. While for simplicity and clarity herein only one originating terminal **10** and one originating node **30** are illustrated in the present example, it is to be appreciated that any one such node suitably serves a plurality of similarly situated terminals and that a plurality of such originating nodes are similarly equipped and/or likewise arranged with respect to the network **20**.

Suitably, the terminal **10** and the network access node **30** are implemented in either a landline or wireline configuration or a wireless or mobile configuration. For example, in a landline or wireline configuration, the terminal **10** is optionally a landline telephone or other like end user telecommunication device or landline customer premises equipment (CPE), and the network access node **30** serving the terminal **10** is an EO, exchange or other network access node that is operatively connected to the network **20** (e.g., the PSTN) in the usual manner. Suitably, the EO, exchange or other like network access node **30** includes a telecommunications switch (e.g., a class 5 switch such as the 5ESS Switch or another SS7 switch or other like hard or soft switch) to which the terminal **10** is operatively connected in the usual manner, e.g., via a twisted-pair landline cable, wire or the like. In a wireless or mobile configuration, e.g., the node **30** serving the terminal **10** is optionally a mobile switching center (MSC) or other like network node operatively connected to and/or in communication with the network **20** in the usual manner. Suitably, the MSC is also operatively connected to and/or in communication with a plurality of base stations (not shown) in the usual manner. As is understood in the art, each base station (BS) provides an over-the-air radio frequency interface for its respective geographic area or cell. Selectively, the terminal **10** (which in this embodiment is optionally a mobile or wireless telephone or other appropriate mobile station (MS)) is provided telecommunication services and/or otherwise accesses the network **20** via the interface and/or the BS serving the cell in which the MS is located.

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Moreover, while described herein generally with reference to calls placed over a circuit switched network (such as the PSTN) and via the aforementioned landline and/or wireless network access technologies, it is to be appreciated that the present inventive subject matter is also applicable to  
5 other types of networks (e.g., packet switched networks such as the Internet and the like) and/or other types of network access technologies (e.g., employed in VoIP (Voice over Internet Protocol) telephony) and Multi-media connections). For example, optionally, the originating or network access providing node **30** includes and/or is implemented as a next generation network (NGN) server.  
10 Suitably, the terminal **10** connects to the NGN server via an appropriate network connection, e.g., such as an Internet Protocol (IP) connection or the like.

In a suitable embodiment, the network access node **30** and/or the applicable switching or other equipment embodied therein is also provisioned  
15 with an emergency call service or feature, e.g., such as 9-1-1 or enhanced 9-1-1 service or the like. Accordingly, when the terminal **10** is used to place an emergency call (e.g., by dialing 9-1-1 in the United States of America or another emergency telephone number or code as may be the case in other countries), the node **30** serving the terminal **10** recognizes the call as an  
20 emergency call, and the call is routed in the usual manner over the network **20** to a designated PSAP **40**, e.g., one serving the geographic area in which the terminal **10** is located.

When the emergency call is ultimately answered by the PSAP **40**, then in the usual manner a signal, message or other appropriate indication of the  
25 same is returned to the originating node **30**. Accordingly, the node **30** simply completes the call set-up in a conventional manner so that the call is connected through the network **20** to the PSAP **40**. Upon receiving the call, the PSAP **40** suitably routes and/or otherwise connects the call to a workstation **42** of an available PSAP operator or call taker **44**. For simplicity and clarity herein, only  
30 one PSAP and one workstation are illustrated in the present example. However, it is to be appreciated that a single PSAP is suitably provisioned with a plurality of workstations in the usual manner and that a plurality of PSAPs are similarly equipped and/or likewise arranged with respect to the network **20**.

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Optionally, subscription information or data regarding individuals that subscribe to the 3PECB service provided by the node **30** is maintained in a subscriber database (DB) **32** or the like that is accessible by the node **30**. Suitably, the subscription information identifies which individuals or terminals served by the node **30** subscribe to the 3PECB service and/or have the feature enabled or otherwise activated. Accordingly, when an emergency call is identified by the node **30**, the node **30** accesses the DB **32** to determine if the calling party is a subscriber and/or if the service is enabled or otherwise activated for the terminal **10**. For example, the node **30** optionally employs ANI (Automatic Number Identification) or another similar function to identify the telephone number associated with or assigned to the terminal **10** from which the emergency call is being placed and uses the obtained number to reference a corresponding entry in the DB **32**. If according to the referenced entry the calling party is not a subscriber or if the 3PECB service is not enabled or activated for the terminal **10**, then access to the 3PECB service is denied, otherwise if according to the referenced entry the calling party is a subscriber and if the 3PECB service is enabled and/or activated for the terminal **10**, then the 3PECB service is invoked.

In one exemplary embodiment, if the calling party subscribes to the 3PECB service and/or the feature is otherwise enabled and/or activated when the emergency call is placed from the terminal **10**, then the node **30** reserves appropriate conference call facilities and/or elements (e.g., within the serving node **30**) and the emergency call is set-up with the PSAP **40** so as to be connected therewith as is otherwise described above via a conference line or path associated with the reserved conference facilities and/or elements, i.e., the established conference bridge. Optionally, the conference bridge is established at the node **30** providing the 3PECB service prior to the connection of the emergency call with the PSAP **40**. Optionally, the node **30** also provides the PSAP **40** a signal or other indication (e.g., via the connection established therewith) that a third party has been called and that they may be bridged or otherwise joined to the emergency call. Suitably, in parallel or concurrently with connecting the emergency call to the PSAP **40**, the node **30** also places or otherwise originates a call to at least one designated telephone number or

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other like address associated with and/or assigned to an end user terminal **50** of a pre-selected third party. For simplicity and clarity herein, reference is made to only one third party call and only one third party terminal **50** is shown. It is to be appreciated, however, that multiple third party calls may be placed by the  
5 node **30**, either in parallel (i.e., concurrently with one another) or serially (i.e., one after the other), to multiple terminals situated similarly to the terminal **50**.

In one exemplary embodiment, for each calling party or terminal that is served by the node **30** and subscribes to the 3PECB service, one or more telephone numbers or other like addresses corresponding to one or more pre-  
10 selected third parties is maintained in another DB **34** or look-up-table (LUT) or other such list which is accessible by the node **30**. Suitably, the 3PECB service subscriber or other appropriate proxy supplies or otherwise provides the selected telephone numbers or addresses that they wish the node **30** to call when an emergency call is originated by the subscriber from the terminal **10**.  
15 Accordingly, when an emergency call is identified by the node **30** and it has been determine that the calling party is a subscriber and/or the service is enabled or otherwise activated for the terminal **10**, then the node **30** accesses the DB **34** to obtain the corresponding telephone numbers or addresses to which one or more third party calls are placed. For example, the node **30**  
20 optionally employs ANI (Automatic Number Identification) or another similar function to identify the telephone number associated with or assigned to the terminal **10** from which the emergency call originated and uses the obtained calling party number to reference a corresponding entry in the DB **34**. Optionally, if the calling party number has already been obtained by the node  
25 **30** (e.g., to confirm subscription information), then the node **30** may simply reuse that calling party number or other related and/or obtained subscriber identification information when accessing the DB **34**.

Suitably, if only a single third party number or address is listed in the DB **34**, then node **30** only originates the third party call to that single terminal (e.g.,  
30 such as the terminal **50**). Suitably, if the third party's line is busy or they do not answer, then the node **30** repeatedly places the third party call until a desired result is achieved (e.g., the call is answered and/or the third party is joined to



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the emergency call) and/or so long as the emergency call is on going or some determine time limit has not expired.

Alternately, if multiple third party numbers or addresses are listed in the DB 34, the node 30 may originate third party calls to one or more of the listed numbers or addresses. In one suitable embodiment, the third party numbers are list in order of preference, and the node 30 serially places third party calls successively to each listed number or addresses until a desired result is reached, e.g., until one or more of the third parties is bridged to or otherwise joins the emergency call or until one or more third parties receive notification of the incident or until some other combination of results is achieved. In this manner, the node 30 progresses through the list one telephone number or address at a time in the order of preference. Accordingly, if the first listed third party (i.e., the calling party's first choice) does not answer the third party call placed by the node 30 or their line is busy or they refuses to participate or they are not otherwise joined to the conference bridge supporting the emergency call, then the node 30 places the next third party call to the next listed number or address (i.e., the calling party's second choice or first alternate). Similarly, if the first alternate does not answer the third party call placed by the node 30 or their line is busy or they refuses to participate or they are not otherwise joined to the conference bridge supporting the emergency call, then the node 30 places the next third party call to the next listed number or address (i.e., the calling party's third choice or second alternate), and so on. Suitably, the foregoing cycle is repeated until a desired result is achieved and/or so long as the emergency call is on going or some determine time limit has not expired. Optionally, if the bottom of the list is reached without a successful result, the node 30 may return to the top of the list and start again. However, in each successive cycle, the node 30 may optionally skip those parties that previously opted not to participate and/or those third parties whose calls where answered by an automated answering device or service.

In another suitable embodiment, the node 30 places third party calls in parallel to all the listed numbers or addresses, in which case if multiple third parties answer and agree to participate in the emergency call, then all such third parties are optionally joined to the conference bridge on which the

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emergency call is being supported. Alternately, in the case of multiple parallel third party calls, only the first or a limited number of third parties that answer the call earliest and agree to participate are joined to the conference bridge on which the emergency call is being carried. Suitably, the node **30** repeatedly  
5 places the parallel third party calls until a desired result is achieved and/or so long as the emergency call is on going or some determine time limit has not expired. However, in each successive repetition, the node **30** may optionally omit those parties that had previously answered the third party call insomuch as with respect to those third parties a desired objective has already been  
10 achieved, i.e., i) they have already answered and agreed to participate and are therefore already joined to the emergency call; ii) they have already answered and been notified of the incident but choose not to participate; or iii) an automated answering device or service has answered and captured a provided message (described below) thereby notifying the third party of the incident.

15 If and/or when the call to the terminal **50** is answered by a third party, suitably the node **30** provides or plays a signal or an announcement or other message to the third party explaining or otherwise indicating the situation and/or the purpose for the call, e.g., optionally identifying the party that originated the emergency call. For example, the identity of the calling party  
20 which is provided by the node **30** is optionally the calling party number obtained by the node **30** when previously executing the ANI or other like function, or alternately, the calling party's name is optionally provided (e.g., which the node **30** optionally obtains from the subscriber DB **32**).

Suitably, following the aforementioned signal or announcement or other  
25 like message, the node **30** prompts the third party to respond or signal or otherwise indicate if they wish to participate in the emergency call. For example, the node **30** may request that the third party indicate their selection by pressing a designated numeric key on the terminal **50** or the node **30** may be provisioned with voice recognition capabilities and the third party may be  
30 given the option to speak or otherwise verbalize their selection. Notably, the active selection of a participation choice by the third party serves a variety of purposes. One purpose is to allow the third party to chose whether or not they wish to participate in the emergency call. Another purpose is to allow the node



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30 to distinguish between an actual individual answering the third party call and an answering machine or voicemail or other automated device or service answering the call. Typically, the latter will not be able to make the designated selection, and accordingly, the node 30 will recognize that an actual person has not answered the third party call and can then take further appropriate action based upon this information. However, because the selection process follows the delivery of the signal or announcement or other like message, even if the call is answered by an answering machine or voicemail or some other automated call recording device, the third party is still notified of the incident, at least insomuch as the signal or announcement or message is captured by the answering machine or voicemail or the like. Accordingly, when the third party retrieves or otherwise obtains their messages, they are made aware that the emergency call was placed by the calling party and an attempt was made to conference the third party into the emergency call. Similarly, even if the third party chooses not to participate in the emergency call, they are still notified by the signal or announcement or other like message of the incident and can take any appropriate action they deem advisable. Nevertheless, even if the third party chooses not to participate, suitably the emergency call continues as usual between the calling party and the PSAP 40, albeit without the third party.

On the other hand, provided the third party acquiesces or otherwise indicates a willingness to participate in the emergency call, then the node 30 upon receiving the appropriate response or signal or other suitable indication from the terminal 50 bridges or otherwise joins the third party call to the emergency call, e.g., using the reserved conference facilities and/or elements or the conference bridge that has already been established and through which the calling party is connect with the PSAP 40. Suitably, however, if the calling party is not connected to the PSAP 40 or the emergency call has already ended or has otherwise been terminated, then the third party is optionally so notified and is not bridged or otherwise joined to the emergency call. Nevertheless, even after the emergency call has ended or otherwise been terminated, the node 30 optionally continues to place calls to one or more of the third parties that had not previously answered (e.g., for some determined period of time after the emergency call has ended) in order to notify the

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respective third parties of the incident. Optionally, even if no third party call is answered, suitably the emergency call continues as usual between the calling party and the PSAP **40**, albeit without a third party.

With reference to **FIGURE 2**, a flow chart provides an example of how the 3PECB service/feature is administered. As illustrated, the process begins at step **100** with the calling party employing the terminal **10** served by the node **30** to place or originate a call over the network **20**. At decision step **102**, the node **30** determines (e.g., by monitoring the telephone number or code dialed) if the call is an emergency call. If the call is not an emergency call (i.e., 9-1-1 or some other emergency number or code was not dialed or entered via the terminal **10**), then the process branches to step **104** and the call is treated in the usual non-emergency fashion. Otherwise, if the call is an emergency call (i.e., 9-1-1 or some other emergency number or code was dialed or entered via the terminal **10**), then the process continues to step **106** where the node **30** obtains relevant caller information. For example, ANI or another like function is optionally employed by the node **30** to obtain the calling party number, which in turn may be used by the node **30** to obtain subscriber information from the DB **32**.

Following step **106**, at decision step **108**, the node **30** decides whether or not to invoke the 3PECB service or feature. For example, the node **30** optionally uses the obtained subscriber information from step **106** to determine if the calling party is a subscriber to the service and/or if the service is enabled and/or otherwise activated for the terminal **10**. If the calling party is not a subscriber or the service is not enabled or not activated for the terminal **10**, then the process branches to step **110** and the emergency call is directed to the PSAP **40** in the customary manner. Otherwise, if the calling party is a subscriber and/or the service is enabled and/or activated, then the process continues to step **112** where the node **30** reserves suitable conference facilities and/or elements (e.g., within the node **30**) and/or otherwise establishes an appropriate conference bridge. Suitably, after step **112**, the emergency call from the terminal **10** is connected at step **114** to the PSAP **40** via a conference line or path over the established conference bridge.

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At step **116**, the node **30** obtains a telephone number or other like address for a selected third party. Suitably, the calling party telephone number or other suitable calling party identifier (e.g., obtained by the node **30** in step **106**) is used to reference a corresponding entry or record in the DB **34** from which the third party number or address is obtained. Optionally, where multiple third party numbers or addresses are listed, the obtained third party number or address is selected based upon the indication of a pointer or index that is, for example, initially identifying the first number or address listed. Following step **116**, at step **118**, the node **30** places or otherwise originates a call over the network **20** to the third party telephone number or address obtained in step **116**. Thereafter, at decision step **120**, the node **30** detects or otherwise determines if the called third party answers the call. If the call is not answered by the third party, the process branches to step **122** where the index or pointer is advanced and then loops back to step **116** so that the next third party telephone number in the DB **34** can be obtained by the node **30**. Suitably, if all the listed third party numbers have been exhausted, the index or pointer simply returns to the top of the list. Additionally, if a call to the listed third party number or address has already been answered, then the index or pointer skips that number.

As illustrated in FIGURE 2, if it is determined at step **120**, that the call has been answered by the third party, then the process continues to step **124**. At step **124**, the node **30** notifies the called third party of the situation and/or the purpose for the call (e.g., optionally playing an announcement or message or otherwise providing a signal indicative of the circumstances surrounding the third party call and/or the purpose of the call and optionally identifying the calling party that originated the emergency call). Suitably, following step **124**, the node **30** prompts the third party at step **126** to response with an indication of whether or not they wish to be conferenced in or bridged to the emergency call. Thereafter, at step **128**, the node **30** receives the response entered by the third party via the terminal **50**. Suitably, a lack of response within a determined time period is deemed to be a negative response.

At decision step **130**, the node **30** determines based upon the response received in step **128**, if the third party has agreed to be conferenced into or

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otherwise join and/or participate in the emergency call. If not, as illustrated in FIGURE 2, the process branches to step **122** (described above) and then loops back to step **116** (also described above). Alternately, rather than branching back, the process may optionally end at this point having notified at least one  
5 third party of the incident. On the other hand, if at step **130** it is determined by the node **30** that the third party has agreed to participate in and/or join the emergency call, then the process continues to step **132** where the node **30** bridges or otherwise joins the third party call to the emergency call (provided that the emergency call is already connected between the calling party and the  
10 PSAP **40** and/or is still on going). At this point then, the process may optionally end having joined at least one third party to the emergency call.

Alternately, as illustrated in FIGURE 2, the process continues to decision step **134** where the node **30** determines if more third parties are to be called. For example, the node **30** optionally basis the determination on one or more  
15 factors, such as, if a desired result has been achieved (i.e., a desired number of third parties have been notified of the incident and/or joined to the call); if the emergency call is still active or connected between the calling party and the PSAP **40**; if a determined time limit has expired; if all the third party calls corresponding to all the listed numbers in the DB **34** have been answered  
20 and/or successfully completed; etc. In any event, if at step **134** the node **30** determines that more third party calls are to be made, the process branches to step **122** (described above) and then loops back to step **116** (also described above). Alternately, if at step **134** the node **30** determines that no more third party calls are to be made, then the process optionally ends.

25 The foregoing description of the process illustrated in FIGURE 2 assumes that the node **30** is serially placing the third party calls one after another. However, in other embodiments multiple third party calls may optionally be placed or otherwise originated by the node **30** to a plurality of respective third parties in parallel or concurrently with one another (as  
30 described above). For example, multiple instances of steps **116** et seq. can be concurrently executed by the node **30** for a plurality of selected third party numbers or addresses. Moreover, while FIGURE 2 illustrates steps **116** et seq. as following step **114**, in practice the node **30** optionally begins the execution of

- 17 -

steps 116 et seq. in parallel or concurrently with the execution of steps 112 and/or 114.

As can be appreciated from the present specification, the described approach for automatically conferencing or joining pre-selected third parties into emergency calls provides significant advantages. For example, these advantages include, without limitation, not delaying the establishment of a connection with the PSAP 40, relieving the PSAP operator 44 and the calling party of the burden of having to spontaneously identify and/or select the appropriate third party to conference into a particular emergency call, and relieving the PSAP operator 44 and the calling party of the burden of manually having to originate the call to the third party.

Additionally, it is to be appreciated that in connection with the particular exemplary embodiments presented herein certain structural and/or function features are described as being incorporated in defined elements and/or components. However, it is contemplated that these features may, to the same or similar benefit, also likewise be incorporated in other elements and/or components where appropriate. It is also to be appreciated that different aspects of the exemplary embodiments may be selectively employed as appropriate to achieve other alternate embodiments suited for desired applications, the other alternate embodiments thereby realizing the respective advantages of the aspects incorporated therein.

It is also to be appreciated that particular elements or components described herein may have their functionality suitably implemented via hardware, software, firmware or a combination thereof. Additionally, it is to be appreciated that certain elements described herein as incorporated together may under suitable circumstances be stand-alone elements or otherwise divided. Similarly, a plurality of particular functions described as being carried out by one particular element may be carried out by a plurality of distinct elements acting independently to carry out individual functions, or certain individual functions may be split-up and carried out by a plurality of distinct elements acting in concert. Alternately, some elements or components otherwise described and/or shown herein as distinct from one another may be physically or functionally combined where appropriate.

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In short, the present specification has been set forth with reference to preferred embodiments. Obviously, modifications and alterations will occur to others upon reading and understanding the present specification. It is intended that the invention be construed as including all such modifications and alterations insofar as they come within the scope of the appended claims or the  
5 equivalents thereof.

What is claimed is:

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**Claims**

1. In a telecommunications network, a method for processing emergency calls, said method comprising:

- 5 (a) receiving a first call at a node of the telecommunications network from a calling party that originated the first call;
- (b) detecting that the received first call is an emergency call;
- (c) establishing a conference bridge in response to the detected emergency call;
- 10 (d) connecting the emergency call over the conference bridge to a designated facility that handles emergency calls; and,
- (e) automatically originating at least one second call from the node to at least one predetermined third party that is different than the calling party and the facility.

2. The method of claim 1, wherein execution of step (e) is begun  
15 concurrently with execution of at least one of steps (c) and (d).

3. The method of claim 1, further comprising:

- (f) determining whether or not the third party answers the second call.

4. The method of claim 3, further comprising:

- 20 (g) notifying the third party of the emergency call via the second call, if it is determined that the third party answered the second call.

5. The method of claim 4, further comprising:

- (h) prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.

25 6. The method of claim 4, wherein step (h) is executed after step (g) is executed.

- 20 -

7. The method of claim 5, further comprising:

(i) bridging the second call to the established conference bridge over which the emergency call is connected to the facility in response to the third party selecting to join the emergency call.

5 8. In a telecommunications network, a system for processing emergency calls, said system comprising:

a node of the telecommunications network that receives a first call from a calling party, said node including;

10 detecting means for detecting that the received first call is an emergency call;

reserving means for reserving conference facilities in response to the detected emergency call;

15 connecting means for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and,

calling means for automatically originating at least one second call from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party.

20 9. The system of claim 8, wherein the calling means begins origination of the second call concurrently with of at least one of the reserving means reserving the conference facilities and the connecting means connecting the emergency call.

10. The system of claim 8, further comprising:

25 answer detecting means for determining whether or not the third party answers the second call.



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**11.** The system of claim **10**, further comprising:

notifying means for notifying the third party of the emergency call via the second call, if the answer detecting means determines that the third party answered the second call.

5        **12.** The system of claim **11**, further comprising:

prompting means for prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.

**13.** The system of claim **11**, wherein the prompting means prompts the third party after the notifying means notifies the third party.

10        **14.** The system of claim **12**, further comprising:

joining means for joining the second call to the emergency call via the conference facilities used to connect the emergency call with the second party in response to the third party selecting to join the emergency call.

15        **15.** The system of claim **14**, wherein the second party is a public safety answering point.

**EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR BRIDGING**

**Abstract of the Disclosure**

A system for processing emergency calls in a telecommunications network includes: receiving a first call at a node **(30)** of the telecommunications network from a calling party that originated the first call; detecting that the received first call is an emergency call; establishing a conference bridge in response to the detected emergency call; connecting the emergency call over the conference bridge to a designated facility **(40)** that handles emergency calls; and, automatically originating at least one second call from the node **(30)** to at least one predetermined third party that is different than the calling party and the facility **(40)**.

Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if a single name listed below) or an original, first and joint inventor (if plural names listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING** the specification of which

☒ is attached hereto

OR

☐ was filed on as application Serial No.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**None**

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**None**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Practitioners associated with Customer No.:

**000048116**

as my Attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

All written communications are to be addressed to:

**000048116**  
***Fay, Sharpe, Fagan, Minnich & McKee, LLP***  
***1100 Superior Avenue***  
***Seventh Floor***  
***Cleveland, OH 44114***

I hereby authorize these Attorneys to insert in the above blanks the filing date and application serial no. when known.

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3 Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

Name of Fourth Inventor:

Karl F. Rauscher

Inventor's Signature:

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Name of Fourth Inventor:

James P. Runyon

Inventor's Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence:

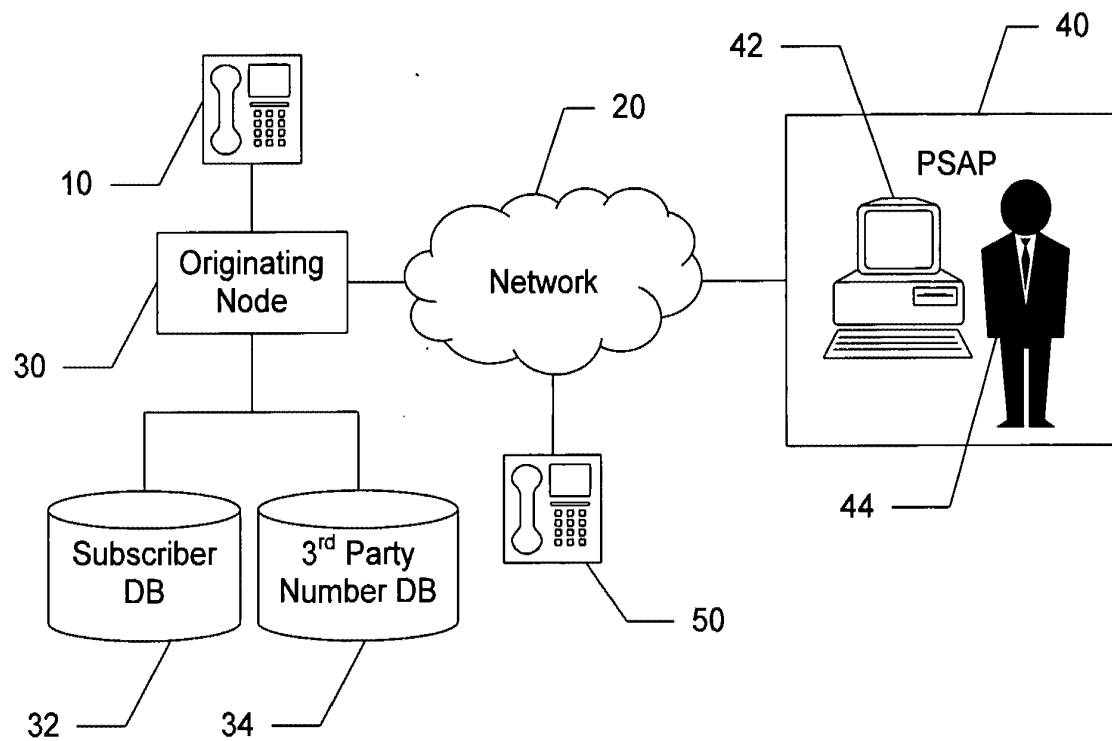
Wheaton, Illinois

Country of Citizenship:

US

Post Office Address:

1231 Champion Forest Court  
Wheaton, Illinois 60187



**FIGURE 1**

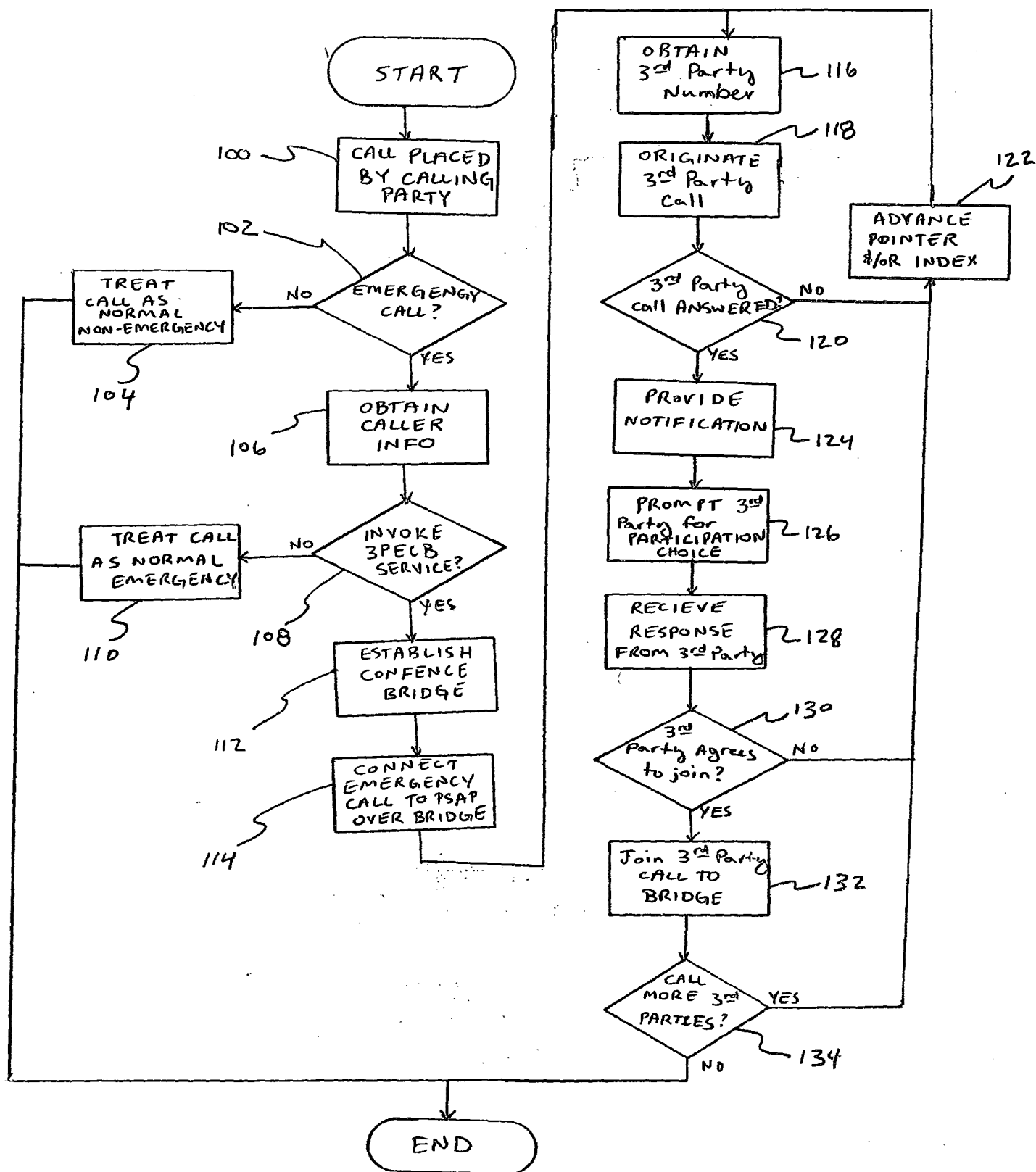


FIGURE 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PATENT APPLICATION FEE DETERMINATION RECORD**

Substitute for Form PTO-875 Effective December 8, 2004

Application or Docket Number

11725011

**APPLICATION AS FILED - PART I**

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(d), (e), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(i))	15 minus 20 =	•
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 =	•
APPLICATION SIZE FEE (37 CFR 1.16(e))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

RATE (\$)	FEE (\$)
N/A	150.00
N/A	\$250
N/A	\$100
X\$ 25 =	
X100 =	
+180=	
TOTAL	

RATE (\$)	FEE (\$)
N/A	300.00
N/A	\$500
N/A	\$200
X\$50 =	
X200 =	
+360=	
TOTAL	1000

\* If the difference in column 1 is less than zero, enter "0" in column 2.

**APPLICATION AS AMENDED - PART II**

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	Minus	**	=
Independent (37 CFR 1.16(n))	Minus	***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(i))			

RATE (\$)	ADDI- TIONAL FEE (\$)
X\$ 25 =	
X100 =	
+180=	
TOTAL ADD'L FEE	

RATE (\$)	ADDI- TIONAL FEE (\$)
X\$50 =	
X200 =	
+360=	
TOTAL ADD'L FEE	

1-8

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	Minus	**	=
Independent (37 CFR 1.16(n))	Minus	***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(i))			

RATE (\$)	ADDI- TIONAL FEE (\$)
X\$ 25 =	
X100 =	
+180=	
TOTAL ADD'L FEE	

RATE (\$)	ADDI- TIONAL FEE (\$)
X\$50 =	
X200 =	
+360=	
TOTAL ADD'L FEE	

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT APPLICATION SERIAL NO. \_\_\_\_\_ 6

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

03/20/2007 EFLDRES 00000032 11725011

01 FC:1011	300.00	OP
02 FC:1111	500.00	OP
03 FC:1311	200.00	OP

PTO-1556  
(5/87)



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
11/725,011	03/16/2007	2614	1000	LUTZ 2 00519	15	2

CONFIRMATION NO. 4152

## FILING RECEIPT

48116  
 FAY SHARPE/LUCENT  
 1100 SUPERIOR AVE  
 SEVENTH FLOOR  
 CLEVELAND, OH 44114

Date Mailed: 04/06/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Stuart O. Goldman, Scottsdale, AZ;  
 Richard E. Krock, Naperville, IL;  
 Karl F. Rauscher, Emmaus, PA;  
 James P. Runyon, Wheaton, IL;

Power of Attorney: None

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 04/05/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is  
**US11/725,011**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Emergency call service with automatic third party notification and/or bridging

Preliminary Class

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

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#### Title 35, United States Code, Section 184

#### Title 37, Code of Federal Regulations, 5.11 & 5.15

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to

espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519

CONFIRMATION NO. 4152

FORMALITIES  
 LETTER

48116  
 FAY SHARPE/LUCENT  
 1100 SUPERIOR AVE  
 SEVENTH FLOOR  
 CLEVELAND, OH 44114

Date Mailed: 04/06/2007

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a non-small entity

- **\$130** Surcharge.

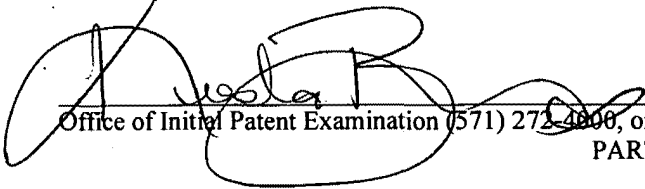
Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

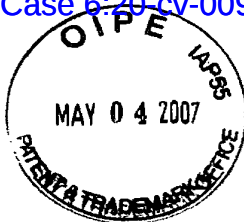
For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebs>.

---

*If you are not using EFS-Web to submit your reply, you must include a copy of this notice.*

A handwritten signature in black ink, appearing to be "A. B. S.", is written over a horizontal line.

Office of Initial Patent Examination (571) 272-4800, or 1-800-PTO-9199  
PART 3 - OFFICE COPY



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S) : Goldman, et al.  
FOR : **EMERGENCY CALL SERVICE WITH  
AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR BRIDGING**  
SERIAL NO. : 11/725,011  
FILED : March 16, 2007  
EXAMINER : Unknown  
ART UNIT : 3614  
CONFIRMATION NO. : 4152  
ATTORNEY DOCKET NO. : LUTZ 2 00519  
Case Name/No. Goldman 56-37-36-44

**SUBMISSION OF AMENDED DRAWINGS**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with Title 37 of the Code of Regulations, § 1.84 Applicants submit two (2) pages of amended drawing sheets, specifically FIGURES 1-2, herewith. The replacement drawing sheets are being submitted to replace the informal drawings originally filed with the application. The drawing sheets are labeled "Replacement Sheet."

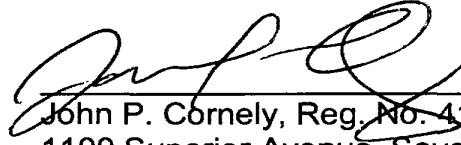
No additional fee is believed due however, if this is not the case, the Commissioner is hereby authorized to charge any and all fees to Deposit Account No. 06-0308.

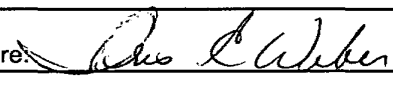
An early indication of acceptability of the Amended Drawings is earnestly solicited.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

May 2, 2007  
Date

  
John P. Cornely, Reg. No. 41,687  
1100 Superior Avenue, Seventh Floor  
Cleveland, OH 44114-2579  
216-861-5582

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence (and any item referred to herein as being attached or enclosed) is (are) being	
<input checked="" type="checkbox"/> deposited with the United States Postal Service as First Class Mail, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.	
<input type="checkbox"/> transmitted to the USPTO by facsimile in accordance with 37 CFR 1.18 on the date indicated below.	
Express Mail Label No.:	Signature: 
Date: May 2, 2007	Name: Iris E. Weber

N:\LUTZ\200519\IEW0005847V001.docx

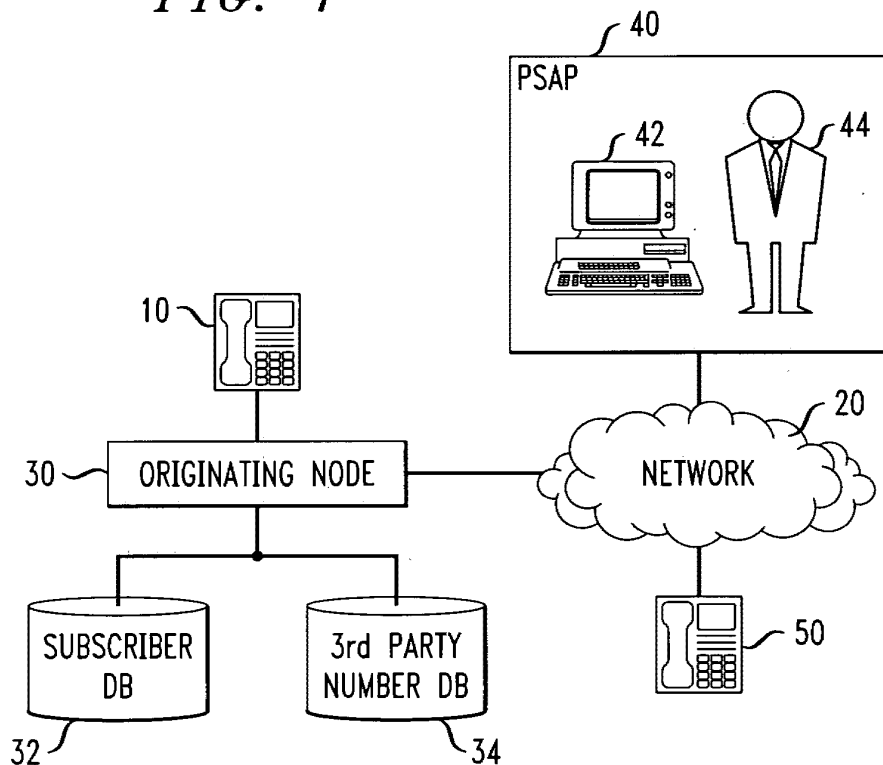


GOLDMAN 56-57-36-44  
Fay, Sharpe LLP; J. P. Cornely (216) 861-5582  
REPLACEMENT SHEET



1/2

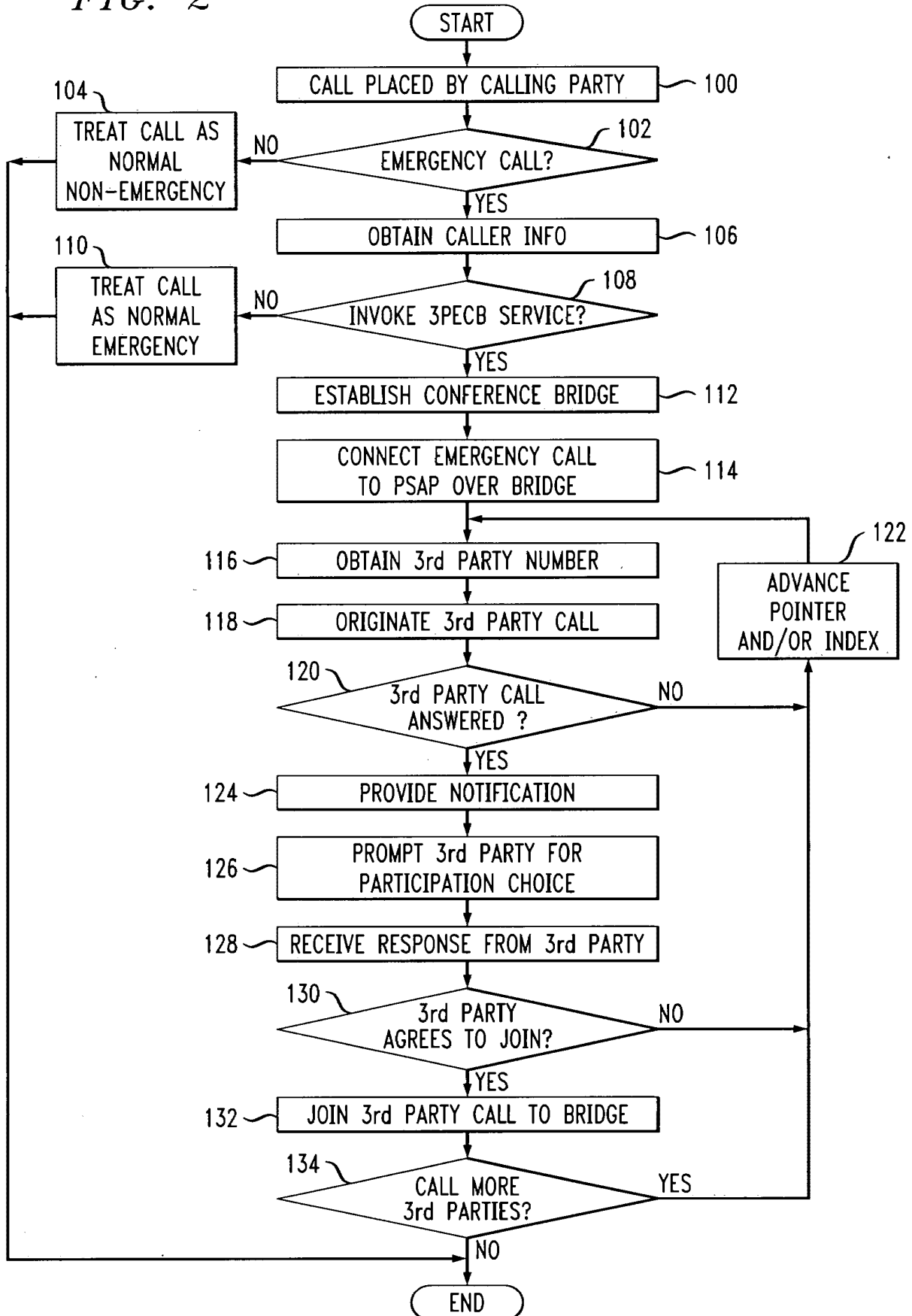
FIG. 1



GOLDMAN 56-57-36-44  
Fay, Sharpe LLP; J. P. Cornely (216) 861-5582  
REPLACEMENT SHEET

FIG. 2

2/2



RECEIVED  
APR - 9 2007

FAY, SHARPE LLP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519

48116  
FAY SHARPE/LUCENT  
1100 SUPERIOR AVE  
SEVENTH FLOOR  
CLEVELAND, OH 44114

CONFIRMATION NO. 4152

FORMALITIES  
LETTER

Date Mailed: 04/06/2007

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a non-small entity

- **\$130** Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

05/07/2007 ERYALEW 00000020 11725011 130.00 0P  
01 FC:1051

- **\$130** Surcharge.
- The application search fee has not been paid. Applicant must submit **\$500** to complete the search fee.
- The application examination fee has not been paid. Applicant must submit **\$200** to complete the examination fee for a non-small entity.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

---

*If you are not using EFS-Web to submit your reply, you must include a copy of this notice.*

  
Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199

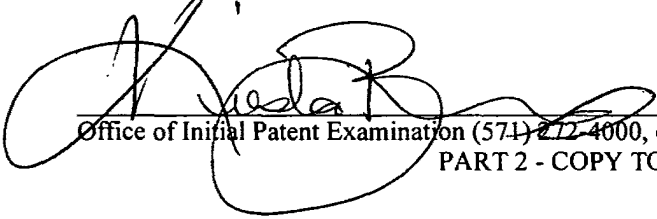
PART 2 - COPY TO BE RETURNED WITH RESPONSE

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebs>.

---

*If you are not using EFS-Web to submit your reply, you must include a copy of this notice.*

A large, stylized handwritten signature in black ink, appearing to read "A. J. K.", is written over the printed text of the signature line.

Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199

PART 2 - COPY TO BE RETURNED WITH RESPONSE



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF : Goldman, et al.  
FOR : **EMERGENCY CALL SERVICE WITH  
AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR BRIDGING**  
SERIAL NO. : 11/725,011  
FILED : March 16, 2007  
ART UNIT : 3614  
CONFIRMATION NO. : 4152  
ATTORNEY DOCKET NO. : LUTZ 2 00519  
Case Name/No. Goldman 56-37-36-44

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION UNDER 37 CFR 1.63**

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Notice to File Missing Parts issued April 6, 2007 on the above-captioned patent application, a "Declaration for Patent Application" is enclosed as well as the return copy of the Patent Office's Notice to File Missing Parts.

The enclosed Declaration has been duly executed by the inventor(s).

The \$130.00 fee in payment of the surcharge required under 37 CFR 1.16(e) for filing the Declaration later than the filing date of the application is authorized to be

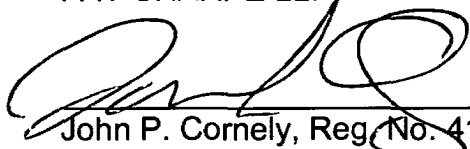
charged to a credit card. The appropriate form PTO-2038 is enclosed for this purpose. If the credit card is unable to be charged, please charge any and all fees or credit any overpayment to Deposit Account No. 06-0308.

The foregoing submissions are believed to meet the requirements of the Notice to File Missing Parts, and the applicant(s) await(s) further action on the application from the Patent and Trademark Office.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

FAY SHARPE LLP

  
John P. Cornely, Reg. No. 41,687  
1100 Superior Avenue  
Seventh Floor  
Cleveland, OH 44114-2579  
216-861-5582

May 2, 2007  
Date

---


CERTIFICATE OF MAILING

I certify that this Response to Notice to File Missing Parts is being

☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. § 1.8, addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

☐ transmitted via facsimile to 571-273-8300 under 37 C.F.R. § 1.8 on the date indicated below

☐ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10, addressed to: MAIL STOP MISSING PARTS, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

<b>Express Mail Label No.:</b>	<b>Signature</b> 
<b>Date</b> May 2, 2007	<b>Printed Name</b> Iris E. Weber



Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if a single name listed below) or an original, first and joint inventor (if plural names listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING** the specification of which

☐ is attached hereto

OR

☒ was filed on **March 16, 2007** as application Serial No. **11/725,011**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**None**

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**None**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Practitioners associated with Customer No.:

**000048116**

10/2004



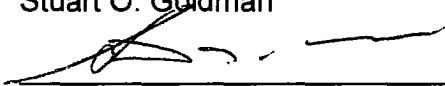
2 Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

as my Attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

All written communications are to be addressed to:

**000048116**  
**Fay, Sharpe, Fagan, Minnich & McKee, LLP**  
**1100 Superior Avenue**  
**Seventh Floor**  
**Cleveland, OH 44114**

I hereby authorize these Attorneys to insert in the above blanks the filing date and application serial no. when known.

Name of First Joint Inventor: Stuart O. Goldman  
Inventor's Signature:   
Date: 4-12-07  
Residence: Scottsdale, Arizona  
Country of Citizenship: US  
Post Office Address: 5531 East Kelton Lane  
Scottsdale, Arizona 85254

Name of Second Joint Inventor: Richard E. Krock  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Residence: Naperville, Illinois  
Country of Citizenship: US  
Post Office Address: 841 Bellingrath Court  
Naperville, Illinois 60563

2 Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

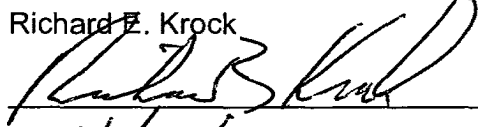
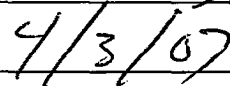
as my Attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

All written communications are to be addressed to:

**000048116**  
**Fay, Sharpe, Fagan, Minnich & McKee, LLP**  
**1100 Superior Avenue**  
**Seventh Floor**  
**Cleveland, OH 44114**

I hereby authorize these Attorneys to insert in the above blanks the filing date and application serial no. when known.

Name of First Joint Inventor: Stuart O. Goldman  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Residence: Scottsdale, Arizona  
Country of Citizenship: US  
Post Office Address: 5531 East Kelton Lane  
Scottsdale, Arizona 85254

Name of Second Joint Inventor: Richard E. Krock  
Inventor's Signature:  \_\_\_\_\_  
Date:  \_\_\_\_\_  
Residence: Naperville, Illinois  
Country of Citizenship: US  
Post Office Address: 841 Bellingrath Court  
Naperville, Illinois 60563

3 Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

Name of Fourth Inventor:

Karl F. Rauscher

Inventor's Signature:

Karl F. Rauscher

Date:

April 4, 2007

Residence:

Emmaus, Pennsylvania

Country of Citizenship:

US

Post Office Address:

4802 Skytop Drive  
Emmaus, Pennsylvania 18049

Name of Fourth Inventor:

James P. Runyon

Inventor's Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence:

Wheaton, Illinois

Country of Citizenship:

US

Post Office Address:

1231 Champion Forest Court  
Wheaton, Illinois 60187

3 Case Name and No. Goldman 56-37-36-44  
LUTZ 2 00519

Name of Fourth Inventor:

Karl F. Rauscher

Inventor's Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence:

Emmaus, Pennsylvania

Country of Citizenship:

US

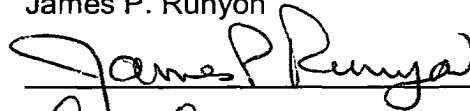
Post Office Address:

4802 Skytop Drive  
Emmaus, Pennsylvania 18049

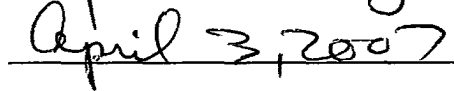
Name of Fourth Inventor:

James P. Runyon

Inventor's Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence:

Wheaton, Illinois

Country of Citizenship:

US

Post Office Address:

1231 Champion Forest Court  
Wheaton, Illinois 60187



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
11/725,011	03/16/2007	2614	1130	LUTZ 2 00519	15	2

CONFIRMATION NO. 4152

## UPDATED FILING RECEIPT

48116  
 FAY SHARPE/LUCENT  
 1100 SUPERIOR AVE  
 SEVENTH FLOOR  
 CLEVELAND, OH 44114

Date Mailed: 05/21/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Stuart O. Goldman, Scottsdale, AZ;  
 Richard E. Krock, Naperville, IL;  
 Karl F. Rauscher, Emmaus, PA;  
 James P. Runyon, Wheaton, IL;

**Power of Attorney:** The patent practitioners associated with Customer Number 000048116

**Domestic Priority data as claimed by applicant**

**Foreign Applications**

**If Required, Foreign Filing License Granted:** 04/05/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is  
**US11/725,011**

**Projected Publication Date:** 09/18/2008

**Non-Publication Request:** No

**Early Publication Request:** No

## Title

Emergency call service with automatic third party notification and/or bridging

**Preliminary Class**

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

### LICENSE FOR FOREIGN FILING UNDER

#### Title 35, United States Code, Section 184

#### Title 37, Code of Federal Regulations, 5.11 & 5.15

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to

espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519

CONFIRMATION NO. 4152

## PUBLICATION NOTICE



\*OC00000032148090\*

48116  
 FAY SHARPE/LUCENT  
 1100 SUPERIOR AVE  
 SEVENTH FLOOR  
 CLEVELAND, OH 44114

**Title:**Emergency call service with automatic third party notification and/or bridging

**Publication No.**US-2008-0226039-A1

**Publication Date:**09/18/2008

## NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at [www.uspto.gov](http://www.uspto.gov). The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at [www.uspto.gov](http://www.uspto.gov) using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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11/725,011

03/16/2007

Stuart O. Goldman

LUTZ 2 00519

4152

48116

7590

09/16/2010

FAY SHARPE/LUCENT

1228 Euclid Avenue, 5th Floor

The Halle Building

Cleveland, OH 44115-1843

EXAMINER

ADDY, THUAN KNOWLIN

ART UNIT

PAPER NUMBER

2614

MAIL DATE

DELIVERY MODE

09/16/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

11/725,011

Applicant(s)

GOLDMAN ET AL.

Examiner

THJUAN K. ADDY

Art Unit

2614

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --****Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 May 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date. _____   | 6) <input type="checkbox"/> Other: _____                          |

Application/Control Number: 11/725,011  
Art Unit: 2614

Page 2

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Croy et al. (US Patent Application, Pub. No.: US 2007/0092070 A1).
2. In regards to claims 1 and 8, Croy discloses in a telecommunications network (See Fig. 1), a method and system for processing emergency calls (See pg. 2, paragraph [0034]), said method comprising:(a) receiving a first call at a node (e.g., soft switch 102) of the telecommunications network from a calling party (e.g., VoIP user/communication device 104) that originated the first call;(b) detecting that the received first call is an emergency call;(c) establishing a conference bridge (e.g., conference bridge 100) in response to the detected emergency call;(d) connecting the emergency call over the conference bridge to a designated facility (e.g., initial PSAP) that handles emergency calls; and,(e) automatically originating at least one second call from the node to at least one predetermined third party (e.g., additional emergency services department, such as police 812 and fire 814) that is different than the calling

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Art Unit: 2614

party and the facility (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]).

3. In regards to claims 2 and 9, Croy discloses the method and system, wherein execution of step (e) is begun concurrently with execution of at least one of steps (c) and (d) (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]).

4. In regards to claims 3 and 10, Croy discloses the method and system, further comprising: (f) determining whether or not the third party answers (i.e., accepts) the second call (See pg. 5, paragraph [0075] – [0076]).

5. In regards to claims 4 and 11, Croy discloses the method and system, further comprising: (g) notifying the third party of the emergency call via the second call, if it is determined that the third party answered the second call (See pg. 3-4, paragraph [0053] – [0054]).

6. In regards to claims 5 and 12, Croy discloses the method and system, further comprising: (h) prompting the third party via the second call to select (i.e., accept or reject) whether or not they wish to be joined to the emergency call (See pg. 3, paragraph [0043] and pg. 5, paragraph [0075] – [0076]).

7. In regards to claims 6 and 13, Croy discloses the method and system, wherein step (h) is executed after step (g) is executed (See pg. 3, paragraph [0043] and pg. 5, paragraph [0075] – [0076]).

8. In regards to claims 7 and 14, Croy discloses the method and system, further comprising: (i) bridging the second call to the established conference bridge over which

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Art Unit: 2614

the emergency call is connected to the facility in response to the third party selecting to join the emergency call (See pg. 3-4, paragraph [0053] – [0054]).

9. In regards to claim 15, Croy discloses the system, wherein the second party is a public safety answering point (e.g., initial PSAP) (See pg. 3, paragraph [0043]).

### ***Conclusion***

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to THJUAN K. ADDY whose telephone number is (571)272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Art Unit: 2614

Page 5

/Thjuan K. Addy/  
Primary Examiner, Art Unit 2614

<b>Notice of References Cited</b>	Application/Control No. 11/725,011	Applicant(s)/Patent Under Reexamination GOLDMAN ET AL.	
	Examiner THJUAN K. ADDY	Art Unit 2614	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0092070 A1	04-2007	Croy et al.	379/045
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



## UNITED STATES PATENT AND TRADEMARK OFFICE

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## BIB DATA SHEET

CONFIRMATION NO. 4152

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/725,011	03/16/2007	379	2614	LUTZ 2 00519
<b>APPLICANTS</b> Stuart O. Goldman, Scottsdale, AZ; Richard E. Krock, Naperville, IL; Karl F. Rauscher, Emmaus, PA; James P. Runyon, Wheaton, IL;				
<b>** CONTINUING DATA *****</b> <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **</b> 04/05/2007				
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /THJUAN KNOWLIN ADDY/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance TKA Initials	<b>STATE OR COUNTRY</b> AZ	<b>SHEETS DRAWINGS</b> 2	<b>TOTAL CLAIMS</b> 15
<b>INDEPENDENT CLAIMS</b> 2				
<b>ADDRESS</b> FAY SHARPE/LUCENT 1228 Euclid Avenue, 5th Floor The Halle Building Cleveland, OH 44115-1843 UNITED STATES				
<b>TITLE</b> Emergency call service with automatic third party notification and/or bridging				
<b>FILING FEE RECEIVED</b> 1130	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	




**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	(calling or caller) near6 ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc \$5 near2 bridge	US- PGPUB; USPAT	OR	ON	2010/09/10 13:21
S3	4	("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc \$5 near2 bridge	US- PGPUB; USPAT	OR	ON	2010/09/10 13:22
S4	3	("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc \$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	US- PGPUB; USPAT	OR	ON	2010/09/10 13:26

S5	1	("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc \$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility) and reserv\$7	US-PGPUB; USPAT	OR	ON	2010/09/10 13:27
S6	0	379/202.01 and ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc \$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	US-PGPUB; USPAT	OR	ON	2010/09/10 13:29
S7	104	stuart near2 goldman.in.	US-PGPUB; USPAT	OR	ON	2010/09/10 13:32
S8	57	stuart near o near goldman.in.	US-PGPUB; USPAT	OR	ON	2010/09/10 13:32


9/ 10/ 10 2:37:19 PM

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<b><i>Index of Claims</i></b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
Final	Original	09/10/2010							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
	9	✓							
	10	✓							
	11	✓							
	12	✓							
	13	✓							
	14	✓							
	15	✓							

<b>Search Notes</b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

### SEARCHED

Class	Subclass	Date	Examiner
379	202.01	9/10/10	TKA
379	045	9/10/10	TKA

### SEARCH NOTES

Search Notes	Date	Examiner
EAST: search terms: 911; emergency; conference; bridge; facility; PSAP; third	9/10/10	TKA
EAST: stuart near o near goldman.in.	9/10/10	TKA
EAST: 379/202.01 and ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	9/10/10	TKA
EAST: ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	9/10/10	TKA
EAST: ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility) and reserv\$7	9/10/10	TKA
See attached EAST Search History	9/10/10	TKA

### INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S) : Goldman et al.

TITLE : EMERGENCY CALL SERVICE  
WITH AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR  
BRIDGING

APPLICATION NO. : 11/725,011

FILED : March 16, 2007

CONFIRMATION NO. : 4152

EXAMINER : Addy

ART UNIT : 2614

LAST OFFICE ACTION : September 16, 2010

ATTORNEY DOCKET NO. : LUTZ 200519US01  
A-L Ref. No. Goldman 56-37-36-44

**AMENDMENT A**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed September 16, 2010, on the above-referenced patent application, Applicant(s) respectfully request reconsideration of the application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

## **AMENDMENTS TO THE CLAIMS:**

The listing of claims will replace all prior versions, and listings of claims in the application:

## **LISTING OF THE CLAIMS**

1. (Currently amended) In a telecommunications network, a method for processing emergency calls, said method comprising:

(a) receiving a first call at a node of the telecommunications network from a calling party that originated the first call;

(b) detecting that the received first call is an emergency call;

(c) establishing a conference bridge in response to the detected emergency call;

(d) connecting the emergency call over the conference bridge to a designated facility that handles emergency calls; and,

(e) automatically originating at least one second call associated with the conference bridge from the node to at least one predetermined third party that is different than the calling party and the facility, each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

2. (Original) The method of claim 1, wherein execution of step (e) is begun concurrently with execution of at least one of steps (c) and (d).

3. (Original) The method of claim 1, further comprising:

(f) determining whether or not the third party answers the second call.

4. (Original) The method of claim 3, further comprising:

(g) notifying the third party of the emergency call via the second call, if it is determined that the third party answered the second call.

5. (Original) The method of claim 4, further comprising:
  - (h) prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.
6. (Currently amended) The method of ~~claim 4~~ claim 5, wherein step (h) is executed after step (g) is executed.
7. (Original) The method of claim 5, further comprising:
  - (i) bridging the second call to the established conference bridge over which the emergency call is connected to the facility in response to the third party selecting to join the emergency call.
8. (Currently amended) In a telecommunications network, a system for processing emergency calls, said system comprising:
  - a node of the telecommunications network that receives a first call from a calling party, said node including:
    - detecting means for detecting that the received first call is an emergency call;
    - reserving means for reserving conference facilities in response to the detected emergency call;
    - connecting means for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and,
    - calling means for automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party, each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

9. (Original) The system of claim 8, wherein the calling means begins origination of the second call concurrently with of at least one of the reserving means reserving the conference facilities and the connecting means connecting the emergency call.

10. (Original) The system of claim 8, further comprising:  
answer detecting means for determining whether or not the third party answers the second call.

11. (Original) The system of claim 10, further comprising:  
notifying means for notifying the third party of the emergency call via the second call, if the answer detecting means determines that the third party answered the second call.

12. (Original) The system of claim 11, further comprising:  
prompting means for prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.

13. (Currently amended) The system of ~~claim 11~~ claim 12, wherein the prompting means prompts the third party after the notifying means notifies the third party.

14. (Original) The system of claim 12, further comprising:  
joining means for joining the second call to the emergency call via the conference facilities used to connect the emergency call with the second party in response to the third party selecting to join the emergency call.

15. (Original) The system of claim 14, wherein the second party is a public safety answering point.



16. (New) A method for processing an emergency call in a telecommunications network, comprising:

a) receiving an emergency call originated by a calling party via an end user terminal at a serving node of a telecommunications network;

b) connecting the emergency call to a network facility that is at least temporarily designated to serve emergency calls for a geographic area associated with the end user terminal; and

c) originating at least one additional call from the serving node to at least one additional user terminal for bridging the corresponding additional user terminal to the emergency call, each additional user terminal associated with a third party and previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

17. (New) The method set forth in claim 16, further comprising:

d) bridging one or more of the at least one additional user terminal to the emergency call after the corresponding third party answers the corresponding additional call and after the serving node receives a response from the corresponding user terminal indicating a willingness of the corresponding third party to participate in the emergency call.

18. (New) The method set forth in claim 16, further comprising:

d) providing the network facility with a signal associated with the originating of additional calls in c) to indicate that one or more third parties may be bridged to the emergency call.

19. (New) The method set forth in claim 16, further comprising:

d) providing an announcement to each third party via the corresponding additional user terminal after the corresponding additional call is answered to explain a situation associated with the corresponding additional call.

20. (New) The method set forth in claim 16, further comprising:

d) at the serving node, accessing a subscriber database to determine the calling party is a subscriber to the service feature, to determine the service feature is activated for the subscriber, and to identify contact information for each third party in conjunction with the originating in c).

### **REMARKS**

Amendment A is hereby provided after careful consideration of the Examiner's comments set forth in the Office Action mailed September 16, 2010. Claims 1-15 remain in the application and claims 16-20 are added after Amendment A is entered. Reconsideration of the application is respectfully requested in view of the amendments and remarks provided herein.

### **The Office Action**

Claims 1-15 stand rejected under 35 U.S.C. § 102(e) for allegedly being anticipated by U.S. Pat. App. Publication No. 2007/092070 to Croy et al.

### **The § 102 Art Rejections**

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. See *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, (Fed. Cir. 1987). In order for the reference to anticipate a claim, it must teach every element of the claim. See MPEP § 2131.

### **Claims 1-7 Patentably Distinguish Over Croy.**

As amended, independent claim 1 is directed to a method for processing emergency calls in a telecommunications network that includes “(a) receiving a first call at a node of the telecommunications network from a calling party that originated the first call; (b) detecting that the received first call is an emergency call; (c) establishing a conference bridge in response to the detected emergency call; (d) connecting the emergency call over the conference bridge to a designated facility that handles emergency calls; and, **(e)** automatically originating at least one second call associated with the conference bridge from the node to at least one predetermined third party that is different than the calling party and the facility, each third party being **previously designated** by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.” This anticipation rejection in reliance on

Croy is clear error because the reference does not disclose or fairly suggest the “previously designated” limitation in the element (e) of claim 1.

The Office Action cited paragraphs 43, 53, 54, and 72-74 of Croy for disclosure of element (e) in the rejection of claim 1. However, the cited portions of Croy merely disclose a voice over internet protocol (IP) (VoIP) soft switch that establishes a conference bridge to connect an emergency caller with an emergency response center and adds other emergency responders based on location information for the emergency caller from a VoIP positioning center (VPC). The Croy VoIP soft switch may also use profile criteria for the conference bridge to determine which other emergency responders to add to the conference bridge. Croy states that the VoIP soft switch creates the conference bridge without requiring the calling party to know the name or contact information for other third party emergency conferees. Therefore, the Croy profile criteria for the conference bridge must be associated with location information for the emergency caller, location information for the initial emergency response center, or some other source rather than information provided by the emergency caller.

Notably, the cited portions of Croy do not disclose or fairly suggest that the calling party pre-designates third parties and corresponding contact information in conjunction with originating calls to add such third parties to a conference bridge for an emergency call as recited in claim 1. Rather, Croy teaches away from the calling party being involved in selection of the third parties joined to the conference bridge by stating it is an advantage that the calling party does not have to know the name or contact information for such third parties.

Based at least on the foregoing, the Applicant respectfully submits that claim 1 is patentably distinguished from Croy. Accordingly, the Applicant respectfully submits that independent claim 1 and claims dependent thereon (e.g., claims 2-7) are currently in condition for allowance.

#### **Claims 8-15 Patentably Distinguish Over Croy.**

As amended, independent claim 8 is directed to a system for processing emergency calls in a telecommunications network that includes “a **node** of the telecommunications network that receives a first call from a calling party, said node

including; detecting means for detecting that the received first call is an emergency call; reserving means for reserving conference facilities in response to the detected emergency call; connecting means for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and, **calling means** for automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party, each third party being **previously designated** by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network." This anticipation rejection in reliance on Croy is clear error because the reference does not disclose or fairly suggest the "previously designated" limitation in the "calling means" sub-element of the "node" element of claim 8.

The Office Action uses the same reasons for rejection of independent claim 8 as the § 102(e) rejection of claim 1. Therefore, the disclosures of Croy identified above and the arguments distinguishing claim 1 also serve to patentably distinguish claim 8.

Notably, the cited portions of Croy do not disclose or fairly suggest that the calling party pre-designates third parties and corresponding contact information in conjunction with originating calls from a node via a calling means to add such third parties to a conference bridge for an emergency call as recited in claim 8. Rather, Croy teaches away from the calling party being involved in selection of the third parties joined to the conference bridge by stating it is an advantage that the calling party does not have to know the name or contact information for such third parties.

Based at least on the foregoing, the Applicant respectfully submits that claim 8 is patentably distinguished from Croy. Accordingly, the Applicant respectfully submits that independent claim 1 and claims dependent thereon (e.g., claims 9-15) are currently in condition for allowance.

**CONCLUSION**

For the reasons detailed above, it is respectfully submitted all claims remaining in the application (Claims 1-20) are now in condition for allowance. The foregoing comments do not require unnecessary additional search or examination.

☒ Remaining Claims, as delineated below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT LESS HIGHEST NUMBER PREVIOUSLY PAID FOR		(3) NUMBER EXTRA
TOTAL CLAIMS	20	- 20 =	0
INDEPENDENT CLAIMS	3	- 3 =	0

☒ This is an authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for extension of time, as incorporating a petition for the appropriate extension of time.


☒ The Commissioner is hereby authorized to charge any filing or prosecution fees which may be required, under 37 CFR 1.16, 1.17, and 1.21 (but not 1.18), or to credit any overpayment, to Deposit Account Number 06-0308.

In the event the Examiner considers personal contact advantageous to the disposition of this case, he/she is hereby authorized to telephone Alan C. Brandt, at 216.363.9000.

Respectfully submitted,

Fay Sharpe LLP

January 5, 2010  
Date

  
Alan C. Brandt, Reg. No. 50,218  
The Halle Building, 5th Floor  
1228 Euclid Avenue  
Cleveland, Ohio 44115-1843  
216.363.9000

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	11725011			
<b>Filing Date:</b>	16-Mar-2007			
<b>Title of Invention:</b>	Emergency call service with automatic third party notification and/or bridging			
<b>First Named Inventor/Applicant Name:</b>	Stuart O. Goldman			
<b>Filer:</b>	Alan Carl Brandt			
<b>Attorney Docket Number:</b>	LUTZ 2 00519			
Filed as Large Entity				
<b>Utility under 35 USC 111(a) Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
Extension - 1 month with \$0 paid	1251	1	130	130

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				130



**Electronic Acknowledgement Receipt**

<b>EFS ID:</b>	9172967
<b>Application Number:</b>	11725011
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4152
<b>Title of Invention:</b>	Emergency call service with automatic third party notification and/or bridging
<b>First Named Inventor/Applicant Name:</b>	Stuart O. Goldman
<b>Customer Number:</b>	48116
<b>Filer:</b>	Alan Carl Brandt
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	LUTZ 2 00519
<b>Receipt Date:</b>	05-JAN-2011
<b>Filing Date:</b>	16-MAR-2007
<b>Time Stamp:</b>	18:27:22
<b>Application Type:</b>	Utility under 35 USC 111(a)

**Payment information:**

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$130
RAM confirmation Number	8047
Deposit Account	060308
Authorized User	BRANDT,ALAN C

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	Doc.PDF	64260 c559e83db09d0f536b9c6fc91ed87f24d1151f0	no	1

**Warnings:****Information:**

2		Doc000.PDF	472901 2df8a2881dda611a535a62fd0807ae0be98d9fde	yes	10
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**Multipart Description/PDF files in .zip description**

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	6
Applicant Arguments/Remarks Made in an Amendment	7	10

**Warnings:****Information:**

3	Fee Worksheet (PTO-875)	fee-info.pdf	30159 775bda2cb2e44eb8b7270f952b7541f6c42edde8	no	2
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**Warnings:****Information:****Total Files Size (in bytes):** 567320

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Goldman et al.

TITLE : EMERGENCY CALL SERVICE WITH AUTOMATIC  
THIRD PARTY NOTIFICATION AND/OR BRIDGING

APPLICATION NO. : 11/725,011

FILED : March 16, 2007

CONFIRMATION NO. : 4152

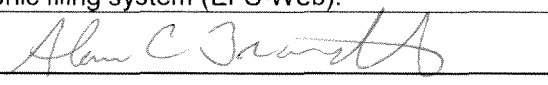
ATTORNEY DOCKET NO. : LUTZ 200519US01  
A-L Ref. No. Goldman 56-37-36-44

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22313-1450

**EFS TRANSMITTAL LETTER**

Dear Sir:

In connection with the above-identified application, transmitted herewith are the following:

<input type="checkbox"/> New Patent Application, including Transmittal <input type="checkbox"/> Utility <input type="checkbox"/> Design <input type="checkbox"/> Prov. <input type="checkbox"/> Cont. <input type="checkbox"/> CIP <input type="checkbox"/> Div. <input type="checkbox"/> RCE <input type="checkbox"/> 371 Submission pages of Specification 5 pages of Claims (20 total claims 3 independent claims) pages of Abstract sheets of Formal / Informal Drawings (Figures ) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Claim for Right of Priority: App. No.: filed: which claims Priority to App. No.: filed: <input type="checkbox"/> Request & Certification Under 35 U.S.C. 122(b)(2)(B)(i)	<input type="checkbox"/> Information Disclosure Statement, including PTO Form 1449 and Number of References (if required) <input type="checkbox"/> Response to Notice to File Missing Parts <input checked="" type="checkbox"/> Amendment A (due: December 16, 2010) <input checked="" type="checkbox"/> Petition for 1 Month Extension of Time <input type="checkbox"/> Response to Notice to File Missing Requirements <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Petition Specify Type <input type="checkbox"/> Notice of Appeal <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Issue Fee and <input type="checkbox"/> Publication Fee <input type="checkbox"/> Other: Specify
<input checked="" type="checkbox"/> One or more fees may be paid via credit card through the electronic filing system (EFS-Web) in association with this submission. If any additional fee is determined to be due as a result of the filing of this submission, the Commissioner is hereby authorized to charge any such additional fees associated with this submission to Deposit Account Number 06-0308.	
<input checked="" type="checkbox"/> Should any extensions of time under the provisions of 37 CFR 1.136(a)(1)-(5) be required for this submission, the Commissioner is hereby authorized to charge any such extension of time fees to Deposit Account Number 06-0308.	
<input checked="" type="checkbox"/> This submission is being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).	
January 5, 2011 Date	 Alan C. Brandt, Reg. No. 50,218

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875					Application or Docket Number <b>11/725,011</b>		Filing Date <b>03/16/2007</b>		<input type="checkbox"/> To be Mailed	
<b>APPLICATION AS FILED – PART I</b>										
(Column 1)			(Column 2)			SMALL ENTITY <input type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$	=		X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=		X \$	=			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.					TOTAL		TOTAL			
<b>APPLICATION AS AMENDED – PART II</b>										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
<b>AMENDMENT</b>	<b>01/05/2011</b>	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	=	0		X \$52=	0	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	=	0		X \$220=	0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		TOTAL ADD'L FEE	0		
<b>AMENDMENT</b>	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$	=	X \$	=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$	=	X \$	=	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		TOTAL ADD'L FEE			
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

Legal Instrument Examiner:  
/DANTE r. SMITH/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519	4152
48116	7590	03/17/2011	EXAMINER	
FAY SHARPE/LUCENT			ADDY, THJUAN KNOWLIN	
1228 Euclid Avenue, 5th Floor			ART UNIT	
The Halle Building			PAPER NUMBER	
Cleveland, OH 44115-1843			2614	
			MAIL DATE	DELIVERY MODE
			03/17/2011	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

11/725,011

Applicant(s)

GOLDMAN ET AL.

Examiner

THJUAN K. ADDY

Art Unit

2614

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --****Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 January 2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 May 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date. _____   | 6) <input type="checkbox"/> Other: _____                          |

Application/Control Number: 11/725,011  
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## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on January 05, 2011 has been entered. Claims 1, 6, 8, and 13 have been amended. No claims have been cancelled. Claims 16-20 have been added. Claims 1-20 are now pending in this application, with claims 1, 8, and 16 being independent.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Croy et al. (US Patent Application, Pub. No.: US 2007/0092070 A1), in view of Oh et al. (US 7,844,034).

3. In regards to claims 1, 8, and 16, Croy discloses in a telecommunications network (See Fig. 1), a method and system for processing emergency calls (See pg. 2, paragraph [0034]), said method comprising:(a) receiving a first call at a node (e.g., soft switch 102) of the telecommunications network from a calling party (e.g., VoIP user/communication device 104) that originated the first call;(b) detecting that the received first call is an emergency call;(c) establishing a conference bridge (e.g.,

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conference bridge 100) in response to the detected emergency call;(d) connecting the emergency call over the conference bridge to a designated facility (e.g., initial PSAP) that handles emergency calls; and,(e) automatically originating at least one second call associated with the conference bridge from the node to at least one predetermined third party (e.g., additional emergency services department, such as police 812 and fire 814) that is different than the calling party and the facility (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]). Croy, however, does not disclose each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network. Oh, however, does disclose each third party (e.g., designated third party/emergency contact person) being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network (See Abstract; col. 1 lines 22-29; and col. 4-5 lines 61-10). Therefore it would have been obvious for one of ordinary skill in the art at the time of the invention to incorporate this feature within the method, as a way of allowing a third party/emergency contact person who cares about the well being of the calling party, and who would want to know about an emergency situation involving the calling party, to be added into an emergency call involving the calling party and a PSAP.

4. In regards to claims 2 and 9, Croy discloses the method and system, wherein execution of step (e) is begun concurrently with execution of at least one of steps (c)



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and (d) (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]).

5. In regards to claims 3 and 10, Croy discloses the method and system, further comprising: (f) determining whether or not the third party answers (i.e., accepts) the second call (See pg. 5, paragraph [0075] – [0076]).

6. In regards to claims 4 and 11, Croy discloses the method and system, further comprising: (g) notifying the third party of the emergency call via the second call, if it is determined that the third party answered the second call (See pg. 3-4, paragraph [0053] – [0054]).

7. In regards to claims 5 and 12, Croy discloses the method and system, further comprising: (h) prompting the third party via the second call to select (i.e., accept or reject) whether or not they wish to be joined to the emergency call (See pg. 3, paragraph [0043] and pg. 5, paragraph [0075] – [0076]).

8. In regards to claims 6 and 13, Croy discloses the method and system, wherein step (h) is executed after step (g) is executed (See pg. 3, paragraph [0043] and pg. 5, paragraph [0075] – [0076]).

9. In regards to claims 7 and 14, Croy discloses the method and system, further comprising: (i) bridging the second call to the established conference bridge over which the emergency call is connected to the facility in response to the third party selecting to join the emergency call (See pg. 3-4, paragraph [0053] – [0054]).

10. In regards to claim 15, Croy discloses the system, wherein the second party is a public safety answering point (e.g., initial PSAP) (See pg. 3, paragraph [0043]).

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11. In regards to claim 17, Croy discloses the method, further comprising: d) bridging one or more of the at least one additional user terminal to the emergency call after the corresponding third party answers the corresponding additional call and after the serving node receives a response from the corresponding user terminal indicating a willingness of the corresponding third party to participate in the emergency call (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]).

12. In regards to claim 18, Croy discloses the method, further comprising: d) providing the network facility with a signal associated with the originating of additional calls in c) to indicate that one or more third parties may be bridged to the emergency call (See pg. 3, paragraph [0043]; pg. 3-4, paragraph [0053] – [0054]; and pg. 5, paragraph [0072] – [0074]).

13. In regards to claim 19, Croy discloses all of claim 19 limitations, except the method, further comprising: d) providing an announcement to each third party via the corresponding additional user terminal after the corresponding additional calls is answered to explain a situation associated with the corresponding additional call. Oh, however, does disclose providing an announcement (e.g., alert message) to each third party via the corresponding additional user terminal after the corresponding additional calls is answered to explain a situation associated with the corresponding additional call (See col. 4-5 lines 61-10).

14. In regards to claim 20, Croy discloses all of claim 20 limitations, except the method, further comprising: d) at the serving node, accessing a subscriber database to

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determine the calling party is a subscriber to the service feature, to determine the service feature is activated for the subscriber, and to identify contact information for each third party in conjunction with the originating in c). Oh, however, does disclose at the serving node, accessing a subscriber database to determine the calling party is a subscriber to the service feature, to determine the service feature is activated for the subscriber, and to identify contact information for each third party in conjunction with the originating (See col. 4 lines 8-29).

### ***Response to Arguments***

15. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

16. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Salvucci et al. (US Patent Application, Pub. No.: US 2004/0105529 A1) teach real-time incident and response information messaging in a system for the automatic notification that an emergency call has occurred from a wireless telecommunication device. Reich et al. (US 6,151,385) teach a system for the automatic notification that a 9-1-1 call has occurred.

17. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

18. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to THJUAN K. ADDY whose telephone number is (571)272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

20. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 11/725,011

Page 8

Art Unit: 2614

21. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thjuan K. Addy/  
Primary Examiner, Art Unit 2614

<b>Notice of References Cited</b>	Application/Control No. 11/725,011	Applicant(s)/Patent Under Reexamination GOLDMAN ET AL.	
	Examiner THJUAN K. ADDY	Art Unit 2614	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0105529 A1	06-2004	Salvucci et al.	379/045
*	B	US-7,844,034	11-2010	Oh et al.	379/45
*	C	US-6,151,385	11-2000	Reich et al.	379/49
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			


**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b><i>Index of Claims</i></b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE							
Final	Original	09/10/2010	03/11/2011						
	1	✓	✓						
	2	✓	✓						
	3	✓	✓						
	4	✓	✓						
	5	✓	✓						
	6	✓	✓						
	7	✓	✓						
	8	✓	✓						
	9	✓	✓						
	10	✓	✓						
	11	✓	✓						
	12	✓	✓						
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	14	✓	✓						
	15	✓	✓						
	16		✓						
	17		✓						
	18		✓						
	19		✓						
	20		✓						


**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S9	114	stuart near2 goldman.in.	US-PGPUB; USPAT	OR	ON	2011/03/13 13:01
S10	66	stuart near o near goldman.in.	US-PGPUB; USPAT	OR	ON	2011/03/13 13:01
S11	1	("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility) and reserv\$7	US-PGPUB; USPAT	OR	ON	2011/03/13 13:02
S12	5	("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	US-PGPUB; USPAT	OR	ON	2011/03/13 13:02
S13	9	("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre-select\$5 or designat\$5) near5 third near2 (person or party or individual or facility)	US-PGPUB; USPAT	OR	ON	2011/03/13 13:03



S14	1	379/202.01 and ("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre-select\$5 or designat \$5) near5 third near2 (person or party or individual or facility)	US-PGPUB; USPAT	OR	ON	2011/03/13 13:09
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 \ goldman11725011.wsp**

<b>Search Notes</b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

### SEARCHED

Class	Subclass	Date	Examiner
379	202.01	3/11/11	TKA
379	45	3/11/11	TKA
379	49	3/11/11	TKA

### SEARCH NOTES

Search Notes	Date	Examiner
EAST: search terms: 911; emergency; conference; bridge; facility; PSAP; third; preselected; predetermined; designated; party; person	3/11/11	TKA
EAST: stuart near o near goldman.in.	3/11/11	TKA
EAST: ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	3/11/11	TKA
EAST: ("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre-select\$5 or designat\$5) near5 third near2 (person or party or individual or facility)	3/11/11	TKA
EAST: 379/202.01 and ("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre-select\$5 or designat\$5) near5 third near2 (person or party or individual or facility)	3/11/11	TKA
See attached EAST Search History	3/11/11	TKA

### INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Goldman et al.  
TITLE : EMERGENCY CALL SERVICE  
WITH AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR  
BRIDGING  
APPLICATION NO. : 11/725,011  
FILED : March 16, 2007  
CONFIRMATION NO. : 4152  
EXAMINER : Addy  
ART UNIT : 2614  
LAST OFFICE ACTION : March 17, 2011  
ATTORNEY DOCKET NO. : LUTZ 200519US01  
A-L Ref. No. Goldman 56-37-36-44

**RESPONSE AFTER FINAL REJECTION**

**(AMENDMENT B)**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed March 17, 2011, on the above-referenced patent application, Applicant(s) respectfully request reconsideration of the application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

## **AMENDMENTS TO THE CLAIMS:**

The listing of claims will replace all prior versions, and listings of claims in the application:

## **LISTING OF THE CLAIMS**

1. (Previously presented) In a telecommunications network, a method for processing emergency calls, said method comprising:

(a) receiving a first call at a node of the telecommunications network from a calling party that originated the first call;

(b) detecting that the received first call is an emergency call;

(c) establishing a conference bridge in response to the detected emergency call;

(d) connecting the emergency call over the conference bridge to a designated facility that handles emergency calls; and,

(e) automatically originating at least one second call associated with the conference bridge from the node to at least one predetermined third party that is different than the calling party and the facility, each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

2. (Original) The method of claim 1, wherein execution of step (e) is begun concurrently with execution of at least one of steps (c) and (d).

3. (Original) The method of claim 1, further comprising:

(f) determining whether or not the third party answers the second call.

4. (Original) The method of claim 3, further comprising:

(g) notifying the third party of the emergency call via the second call, if it is determined that the third party answered the second call.

5. (Original) The method of claim 4, further comprising:
  - (h) prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.
6. (Previously presented) The method of claim 5, wherein step (h) is executed after step (g) is executed.
7. (Original) The method of claim 5, further comprising:
  - (i) bridging the second call to the established conference bridge over which the emergency call is connected to the facility in response to the third party selecting to join the emergency call.
8. (Previously presented) In a telecommunications network, a system for processing emergency calls, said system comprising:
  - a node of the telecommunications network that receives a first call from a calling party, said node including;
    - detecting means for detecting that the received first call is an emergency call;
    - reserving means for reserving conference facilities in response to the detected emergency call;
    - connecting means for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and,
    - calling means for automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party, each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

9. (Original) The system of claim 8, wherein the calling means begins origination of the second call concurrently with of at least one of the reserving means reserving the conference facilities and the connecting means connecting the emergency call.
10. (Original) The system of claim 8, further comprising:  
answer detecting means for determining whether or not the third party answers the second call.
11. (Original) The system of claim 10, further comprising:  
notifying means for notifying the third party of the emergency call via the second call, if the answer detecting means determines that the third party answered the second call.
12. (Original) The system of claim 11, further comprising:  
prompting means for prompting the third party via the second call to select whether or not they wish to be joined to the emergency call.
13. (Previously presented) The system of claim 12, wherein the prompting means prompts the third party after the notifying means notifies the third party.
14. (Original) The system of claim 12, further comprising:  
joining means for joining the second call to the emergency call via the conference facilities used to connect the emergency call with the second party in response to the third party selecting to join the emergency call.
15. (Original) The system of claim 14, wherein the second party is a public safety answering point.

16. (Previously presented) A method for processing an emergency call in a telecommunications network, comprising:

a) receiving an emergency call originated by a calling party via an end user terminal at a serving node of a telecommunications network;

b) connecting the emergency call to a network facility that is at least temporarily designated to serve emergency calls for a geographic area associated with the end user terminal; and

c) originating at least one additional call from the serving node to at least one additional user terminal for bridging the corresponding additional user terminal to the emergency call, each additional user terminal associated with a third party and previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.

17. (Previously presented) The method set forth in claim 16, further comprising:

d) bridging one or more of the at least one additional user terminal to the emergency call after the corresponding third party answers the corresponding additional call and after the serving node receives a response from the corresponding user terminal indicating a willingness of the corresponding third party to participate in the emergency call.

18. (Previously presented) The method set forth in claim 16, further comprising:

d) providing the network facility with a signal associated with the originating of additional calls in c) to indicate that one or more third parties may be bridged to the emergency call.

19. (Previously presented) The method set forth in claim 16, further comprising:

d) providing an announcement to each third party via the corresponding additional user terminal after the corresponding additional call is answered to explain a situation associated with the corresponding additional call.

20. (Previously presented) The method set forth in claim 16, further comprising:

d) at the serving node, accessing a subscriber database to determine the calling party is a subscriber to the service feature, to determine the service feature is activated for the subscriber, and to identify contact information for each third party in conjunction with the originating in c).



### **REMARKS**

Amendment B is hereby provided after careful consideration of the Examiner's comments set forth in the Office Action mailed March 17, 2011. Claims 1-20 remain in the application after Amendment B is entered. Reconsideration of the application is respectfully requested in view of the amendments and remarks provided herein.

### **The Office Action**

Claims 1-20 stand rejected under 35 U.S.C. § 103(a) for allegedly being obvious over U.S. Pat. App. Publication No. 2007/092070 to Croy et al. in view of U.S. Patent No. 7,844,034 to Oh et al.

### **The § 103 Art Rejections**

Obviousness rejections are based on the statutory language that "a patent may not be obtained ... if the difference between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art." See 35 U.S.C. § 103(a). The key to supporting any obviousness rejection is the clear articulation of the reason(s) why the claimed invention would have been obvious. See MPEP § 2142. The analysis supporting an obviousness rejection should be made explicit. See *KSR International Co. v. Teleflex, Inc.*, 550 U.S. 398, 418 (2007). Rejections on obviousness cannot be sustained with mere conclusory statements; instead, there must be some articulated reasoning with some rational underpinning to support the legal conclusions of obviousness. See *In re Kahn*, 441 F.3d 977, 988 (Fed. Cir. 2006).

### **Claims 1-7 Patentably Distinguish Over the Combination of Croy and Oh.**

Independent claim 1 is directed to a method for processing emergency calls in a telecommunications network that includes "(a) receiving a first call at a node of the telecommunications network from a calling party that originated the first call; (b) detecting that the received first call is an emergency call; (c) establishing a conference bridge in response to the detected emergency call; (d) connecting the emergency call

over the conference bridge to a designated facility that handles emergency calls; and, (e) automatically originating at least one second call associated with the conference bridge from the node to at least one predetermined third party that is different than the calling party and the facility, each third party being **previously designated** by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.” This obviousness rejection is clear error because Croy and Oh are not properly combined in view of the Office Action citations to the references for disclosure of the claim elements and the teachings of the references. The reasons for obviousness stated in the Office Action do not cure these errors because they do not explicitly state how the references could be combined in the manner in which they are cited in view of the teachings of the references.

The Office Action cites paragraph 34 and FIG. 1 of Croy for disclosure of elements (a) through (d) of claim 1. The Office Action cited paragraphs 43, 53, 54, and 72-74 of Croy for disclosure of element (e), but admits that Croy does not disclose the “previously designated” limitation highlighted above. The Office Action cites the Abstract; col. 1, lines 22-29; and col. 4, line 61 – col. 5, line 10 of Oh for disclosure of the “previously designated” limitation of element (e). In other words, the Office Action relies on Croy for disclosure of everything required by claim 1, except the “previously designated” limitation.

Croy discloses a voice over internet protocol (IP) (VoIP) soft switch that establishes a conference bridge to connect an emergency caller with an emergency response center and adds other emergency responders based on location information for the emergency caller from a VoIP positioning center (VPC). The Croy VoIP soft switch may also use profile criteria for the conference bridge to determine which other emergency responders to add to the conference bridge. Croy states that the VoIP soft switch creates the conference bridge without requiring the calling party to know the name or contact information for other third party emergency conferees. Therefore, the Croy profile criteria for the conference bridge must be associated with location information for the emergency caller, location information for the initial emergency response center, or some other source rather than information provided by the

emergency caller. Based on the foregoing, Croy teaches away from the calling party being involved in selection of the third parties joined to the conference bridge by stating it is an advantage that the calling party does not have to know the name or contact information for such third parties. In other words, Croy teaches away from a calling party previously designating a third party to which a second call associated with a conference bridge established for an emergency call from the calling party as required by the “previously designated” limitation in element (e) of claim 1. Oh is merely relied upon for disclosing that the calling party previously designates the third party where Croy teaches that the calling party is not involved in designating the third party. Under these circumstances, Oh is not properly combined with Croy in the Office Action in the manner in which the references are cited in the rejection of claim 1. See, e.g., MPEP §§ 2141.02 (VI) PRIOR ART MUST BE CONSIDERED IN ITS ENTIRETY, INCLUDING DISCLOSURES THAT TEACH AWAY FROM THE CLAIMS) and 2145 (X) ARGUING IMPROPER RATIONALE FOR COMBINING REFERENCES (D) References Teach Away from the Invention or Render Prior Art Unsatisfactory for Intended Purpose (2) References Cannot Be Combined Where Reference Teaches Away from Their Combination.

Additionally, the reasons for rejection stated in the Office Action do not meet the burden of explicitly stating how the references could be combined in the manner in which they are cited in view of the teachings of the references. The reasons for rejection merely state “it would have been obvious for one of ordinary skill in the art at the time of the invention to incorporate this feature within the method, as a way of allowing a third party/emergency contact person who cares about the well being of the calling party, and who would want to know about an emergency situation involving the calling party, to be added into an emergency call involving the calling party and a PSAP. Notably, the reasons for rejection do not address the Croy “teach away” and do not explain how the references can be combined in the manner in which they are cited in view of the Croy “teach away.” Accordingly, the reasons for rejection do not overcome the Croy “teach away” with respect to the manner in which they are cited.

Moreover, even if Oh teaches the calling party previously designating the third party, it teaches away from allowing the third party to selectively be connected to the

conference bridge after answering a separate call because Oh only notifies the third party of the conference bridge via an alert message and requires the third party to make another call to connect to the conference bridge. The only examples of alert messages in Oh are SMS messages, e-mail messages via SMTP server, instant messages (IM) via IM server, and text-to-voice messages via a voice call. None of these Oh alert messages give the third party an option of joining the conference bridge without placing a separate voice call back to the conference bridge. For these additional reasons, Oh is not properly combined with Croy in the Office Action in the manner in which the references are cited in the rejection of claim 1.

Based at least on the foregoing, the Applicant respectfully submits that claim 1 is patentably distinguished from the combination of Croy and Oh. Accordingly, the Applicant respectfully submits that independent claim 1 and claims dependent thereon (e.g., claims 2-7) are currently in condition for allowance at least with respect to Croy, Oh, and the combination thereof.

#### **Claims 8-15 Patentably Distinguish Over the Combination of Croy and Oh.**

Independent claim 8 is directed to a system for processing emergency calls in a telecommunications network that includes “a **node** of the telecommunications network that receives a first call from a calling party, said node including; **detecting means** for detecting that the received first call is an emergency call; **reserving means** for reserving conference facilities in response to the detected emergency call; **connecting means** for connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls; and, **calling means** for automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party, **each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.**” This obviousness rejection is clear error because Croy and Oh are not properly combined in view of the Office Action citations to the references for disclosure of the claim elements

and the teachings of the references. The reasons for obviousness stated in the Office Action do not cure these errors because they do not explicitly state how the references could be combined in the manner in which they are cited in view of the teachings of the references.

The Office Action uses the same reasons for rejection of independent claim 8 as the § 103(a) rejection of claim 1. Therefore, the disclosures of Croy and Oh identified above and the arguments that the references are not properly combined in the rejection of claim 1 also serve to patentably distinguish claim 8 over the combination of Croy and Oh.

Based at least on the foregoing, the Applicant respectfully submits that claim 8 is patentably distinguished from the combination of Croy and Oh. Accordingly, the Applicant respectfully submits that independent claim 8 and claims dependent thereon (e.g., claims 9-15) are currently in condition for allowance at least with respect to Croy, Oh, and the combination thereof.

#### **Claims 16-20 Patentably Distinguish Over the Combination of Croy and Oh.**

Independent claim 16 is directed to a method for processing an emergency call in a telecommunications network that includes “**a)** receiving an emergency call originated by a calling party via an end user terminal at a serving node of a telecommunications network; **b)** connecting the emergency call to a network facility that is at least temporarily designated to serve emergency calls for a geographic area associated with the end user terminal; and **c)** originating at least one additional call from the serving node to at least one additional user terminal for bridging the corresponding additional user terminal to the emergency call, each additional user terminal associated with a third party and **previously designated** by the calling party along with suitable contact information for the corresponding third party in conjunction with a service feature provided to the calling party via the telecommunications network.” This obviousness rejection is clear error because Croy and Oh are not properly combined in view of the Office Action citations to the references for disclosure of the claim elements and the teachings of the references. The reasons for obviousness stated in the Office Action do not cure these errors because they do not explicitly state how the references could be

combined in the manner in which they are cited in view of the teachings of the references.

The Office Action uses the same reasons for rejection of independent claim 16 as the § 103(a) rejection of claim 1. Therefore, the disclosures of Croy and Oh identified above and the arguments that the references are not properly combined in the rejection of claim 1 also serve to patentably distinguish claim 16 over the combination of Croy and Oh.

Based at least on the foregoing, the Applicant respectfully submits that claim 16 is patentably distinguished from the combination of Croy and Oh. Accordingly, the Applicant respectfully submits that independent claim 16 and claims dependent thereon (e.g., claims 17-20) are currently in condition for allowance at least with respect to Croy, Oh, and the combination thereof.



**CONCLUSION**

For the reasons detailed above, it is respectfully submitted all claims remaining in the application (Claims 1-20) are now in condition for allowance. The foregoing comments do not require unnecessary additional search or examination.

☒ Remaining Claims, as delineated below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT LESS HIGHEST NUMBER PREVIOUSLY PAID FOR	(3) NUMBER EXTRA
TOTAL CLAIMS	<b>20</b>	<b>- 20 = 0</b>
INDEPENDENT CLAIMS	<b>3</b>	<b>- 3 = 0</b>

☒ This is an authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for extension of time, as incorporating a petition for the appropriate extension of time.


☒ The Commissioner is hereby authorized to charge any filing or prosecution fees which may be required, under 37 CFR 1.16, 1.17, and 1.21 (but not 1.18), or to credit any overpayment, to Deposit Account Number 06-0308.

In the event the Examiner considers personal contact advantageous to the disposition of this case, he/she is hereby authorized to telephone Alan C. Brandt, at 216.363.9000.

Respectfully submitted,

Fay Sharpe LLP

May 17, 2011  
Date

  
Alan C. Brandt, Reg. No. 50,218  
The Halle Building, 5th Floor  
1228 Euclid Avenue  
Cleveland, Ohio 44115-1843  
216.363.9000

**Electronic Acknowledgement Receipt**

<b>EFS ID:</b>	10107981
<b>Application Number:</b>	11725011
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4152
<b>Title of Invention:</b>	Emergency call service with automatic third party notification and/or bridging
<b>First Named Inventor/Applicant Name:</b>	Stuart O. Goldman
<b>Customer Number:</b>	48116
<b>Filer:</b>	Alan Carl Brandt/Georgeen Sonntag
<b>Filer Authorized By:</b>	Alan Carl Brandt
<b>Attorney Docket Number:</b>	LUTZ 2 00519
<b>Receipt Date:</b>	17-MAY-2011
<b>Filing Date:</b>	16-MAR-2007
<b>Time Stamp:</b>	14:57:04
<b>Application Type:</b>	Utility under 35 USC 111(a)

**Payment information:**

Submitted with Payment	no
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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		519.PDF	779159 8ba7c5dd5bd247e758d0b91c1aca245ecf3b3c6a	yes	14



	Document Description	Start	End
	Miscellaneous Incoming Letter	1	1
	Amendment After Final	2	2
	Claims	3	7
	Applicant Arguments/Remarks Made in an Amendment	8	14

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	779159
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**  
 If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**  
 If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**  
 If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Goldman et al.

TITLE : EMERGENCY CALL SERVICE WITH AUTOMATIC  
THIRD PARTY NOTIFICATION AND/OR BRIDGING

APPLICATION NO. : 11/725,011

FILED : March 16, 2007

CONFIRMATION NO. : 4152

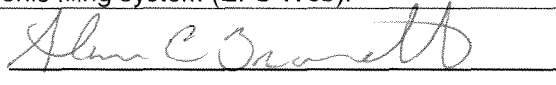
ATTORNEY DOCKET NO. : LUTZ 200519US01  
A-L Ref. No. Goldman 56-37-36-44

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22313-1450

**EFS TRANSMITTAL LETTER**

Dear Sir:

In connection with the above-identified application, transmitted herewith are the following:

<input type="checkbox"/> New Patent Application, including Transmittal <input type="checkbox"/> Utility <input type="checkbox"/> Design <input type="checkbox"/> Prov. <input type="checkbox"/> Cont. <input type="checkbox"/> CIP <input type="checkbox"/> Div. <input type="checkbox"/> RCE <input type="checkbox"/> 371 Submission pages of Specification 5 pages of Claims (20 total claims 3 independent claims) pages of Abstract sheets of Formal / Informal Drawings (Figures ) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Claim for Right of Priority: App. No.:       filed: which claims Priority to App. No.: filed: <input type="checkbox"/> Request & Certification Under 35 U.S.C. 122(b)(2)(B)(i)	<input type="checkbox"/> Information Disclosure Statement, including PTO Form 1449 and Number of References (if required) <input type="checkbox"/> Response to Notice to File Missing Parts <input checked="" type="checkbox"/> Amendment B (due: June 17, 2011) <input type="checkbox"/> Petition for 1 Month Extension of Time <input type="checkbox"/> Response to Notice to File Missing Requirements <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Petition Specify Type <input type="checkbox"/> Notice of Appeal <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Issue Fee and <input type="checkbox"/> Publication Fee <input type="checkbox"/> Other: Specify
<input checked="" type="checkbox"/> One or more fees may be paid via credit card through the electronic filing system (EFS-Web) in association with this submission. If any additional fee is determined to be due as a result of the filing of this submission, the Commissioner is hereby authorized to charge any such additional fees associated with this submission to Deposit Account Number 06-0308.	
<input checked="" type="checkbox"/> Should any extensions of time under the provisions of 37 CFR 1.136(a)(1)-(5) be required for this submission, the Commissioner is hereby authorized to charge any such extension of time fees to Deposit Account Number 06-0308.	
<input checked="" type="checkbox"/> This submission is being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).	
May 17, 2011 Date	 Alan C. Brandt, Reg. No. 50,218

PTO/SB/06 (07-06)

Approved for use through 1/31/2007. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875					Application or Docket Number <b>11/725,011</b>		Filing Date <b>03/16/2007</b>		<input type="checkbox"/> To be Mailed	
<b>APPLICATION AS FILED – PART I</b>										
(Column 1)			(Column 2)			SMALL ENTITY <input type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR		NUMBER FILED	NUMBER EXTRA		RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)	
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A		N/A			N/A		
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A		N/A			N/A		
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A			N/A		
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*		X \$ =			X \$ =		
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		X \$ =			X \$ =		
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.										
<b>APPLICATION AS AMENDED – PART II</b>										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	<b>05/17/2011</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X \$ =		OR	X \$52=	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$ =		OR	X \$220=	0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	0
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

Legal Instrument Examiner:  
/LASHAWN MARKS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

48116 7590 06/10/2011  
 FAY SHARPE/LUCENT  
 1228 Euclid Avenue, 5th Floor  
 The Halle Building  
 Cleveland, OH 44115-1843

EXAMINER

ADDY, THJUAN KNOWLIN

ART UNIT

PAPER NUMBER

2614

DATE MAILED: 06/10/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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11/725,011

03/16/2007

Stuart O. Goldman

LUTZ 2 00519

4152

TITLE OF INVENTION: EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/12/2011

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

## HOW TO REPLY TO THIS NOTICE:

## I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax** **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

48116 7590 06/10/2011  
**FAY SHARPE/LUCENT**  
**1228 Euclid Avenue, 5th Floor**  
**The Halle Building**  
**Cleveland, OH 44115-1843**

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

11/725,011 03/16/2007 Stuart O. Goldman LUTZ 2 00519 4152

TITLE OF INVENTION: EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/12/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
ADDY, THJUAN KNOWLIN	2614	379-202010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519	4152

48116 7590 06/10/2011  
**FAY SHARPE/LUCENT**  
 1228 Euclid Avenue, 5th Floor  
 The Halle Building  
 Cleveland, OH 44115-1843

EXAMINER
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ADDY, THJUAN KNOWLIN

ART UNIT	PAPER NUMBER
----------	--------------

2614

DATE MAILED: 06/10/2011

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
 (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 833 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 833 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## Privacy Act Statement

**The Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	11/725,011	GOLDMAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	THJUAN K. ADDY	2614	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant Arguments/Remarks of 05/17/2011.
2. ☒ The allowed claim(s) is/are 1-20 (as originally numbered).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <p>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date ____</p> <p>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</p> | <p>5. <input type="checkbox"/> Notice of Informal Patent Application</p> <p>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date ____.</p> <p>7. <input type="checkbox"/> Examiner's Amendment/Comment</p> <p>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> <p>9. <input type="checkbox"/> Other ____.</p> |
|---|--|

/THJUAN K ADDY/  
Primary Examiner, Art Unit 2614  
Phone: (571) 272-7486



**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	119	stuart near2 goldman. in.	US- PGPUB; USPAT	OR	ON	2011/06/04 16:35
S16	9	("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre- select\$5 or designat \$5) near5 third near2 (person or party or individual or facility)	US- PGPUB; USPAT	OR	ON	2011/06/04 16:36
S17	1	379/202.01 and ("911" or emergency) near3 call same (creat \$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility)	US- PGPUB; USPAT	OR	ON	2011/06/04 16:37
S18	1	("911" or emergency) near3 call same (creat \$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility) and reserv\$7	US- PGPUB; USPAT	OR	ON	2011/06/04 16:38

S19	5	emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP)	US-PGPUB; USPAT	OR	ON	2011/06/04 16:41
S20	0	emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP) and (call or communication) with (predetermined or predefined) near6 third near party same (service or feature)	US-PGPUB; USPAT	OR	ON	2011/06/04 16:42
S21	1	379/202.01 and emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2	US-PGPUB; USPAT	OR	ON	2011/06/04 16:46

(emergency) or PSAP)

6/ 4/ 11 5:04:52 PM

C:\ Documents and Settings\ tknowlin\ My Documents\ EAST\ Workspaces  
\ goldman11725011.wsp

## EAST Search History


## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S22	0	emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP) and (call or communication) with (predetermined or predefined) near6 third near party same (service or feature). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/04 16:45
S23	1	emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/04 16:45

S24	0	379/202.01 and ("911" or emergency) near3 call same (creat \$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/04 16:46
S25	0	379/202.01 and emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat \$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/04 16:46
S26	0	("911" or emergency) and PSAP and (predetermine or preselect\$5 or pre-select\$5 or designat \$5) near5 third near2 (person or party or individual or facility). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/04 16:47

6/ 4/ 11 5:05:20 PM


C:\ Documents and Settings\ tknowlin\ My Documents\ EAST\ Workspaces  
\ goldman11725011.wsp

<b>Issue Classification</b> 	<b>Application/Control No.</b> 11725011	<b>Applicant(s)/Patent Under Reexamination</b> GOLDMAN ET AL.
	<b>Examiner</b> THJUAN K ADDY	<b>Art Unit</b> 2614

ORIGINAL						INTERNATIONAL CLASSIFICATION													
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED								
379			202.01			H	0	4	M	3 / 42 (2006.01.01)									
CROSS REFERENCE(S)						H	0	4	M	11 / 04 (2006.01.01)									
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																		
379	37	45	49																

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	17												
2	2	18	18												
3	3	19	19												
4	4	20	20												
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9	9														
10	10														
11	11														
12	12														
13	13														
14	14														
15	15														
16	16														

NONE		Total Claims Allowed: 20	
(Assistant Examiner)	(Date)		
/THJUAN K ADDY/ Primary Examiner.Art Unit 2614		06/04/2011	O.G. Print Claim(s)
(Primary Examiner)		(Date)	O.G. Print Figure
			1
			1

<b>Search Notes</b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

### SEARCHED

Class	Subclass	Date	Examiner
379	202.01	6/4/11	TKA
379	45	6/4/11	TKA
379	49	6/4/11	TKA
379	37	6/4/11	TKA
379	203.01	6/4/11	TKA
379	204.01	6/4/11	TKA
379	207.01	6/4/11	TKA

### SEARCH NOTES

Search Notes	Date	Examiner
EAST: search terms: 911; emergency; conference; bridge; facility; PSAP; third; preselected; predetermined; designated; party; person	6/4/11	TKA
EAST: stuart near o near goldman.in.	6/4/11	TKA
US-PGPUB: emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat\$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP) and (call or communication) with (predetermined or predefined) near6 third near party same (service or feature).clm.	6/4/11	TKA
US-PGPUB: 379/202.01 and emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat\$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP).clm.	6/4/11	TKA
US-PGPUB: emergency near2 (call or communication) and (calling or caller) near6 emergency near2 (call or communication) and (establish\$5 or creat\$5) near5 conference near2 bridge and (connect\$5 or send\$5 or sent or forward\$5) near4 (call or communication) near6 ((facility near2 emergency) or PSAP).clm.	6/4/11	TKA
US-PGPUB: 379/202.01 and ("911" or emergency) near3 call same (creat\$6 or establish\$6) same conferenc\$5 near2 bridge and (facility or PSAP) and third near2 (person or party or individual or facility).clm.	6/4/11	TKA
See attached EAST Search History: US-PGPUB	6/4/11	TKA
See attached EAST Search History	6/4/11	TKA


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**INTERFERENCE SEARCH**

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
379	202.01	6/4/11	TKA
379	37	6/4/11	TKA
379	45	6/4/11	TKA
379	49	6/4/11	TKA

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<b><i>Index of Claims</i></b>  	<b>Application/Control No.</b>  11725011	<b>Applicant(s)/Patent Under Reexamination</b>  GOLDMAN ET AL.
	<b>Examiner</b>  THJUAN K ADDY	<b>Art Unit</b>  2614

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input checked="" type="checkbox"/> <b>Claims renumbered in the same order as presented by applicant</b>					<input type="checkbox"/> <b>CPA</b>		<input type="checkbox"/> <b>T.D.</b>		<input type="checkbox"/> <b>R.1.47</b>	
CLAIM		DATE								
Final	Original	09/10/2010	03/11/2011	06/04/2011						
1	1	✓	✓	=						
2	2	✓	✓	=						
3	3	✓	✓	=						
4	4	✓	✓	=						
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15	15	✓	✓	=						
16	16		✓	=						
17	17		✓	=						
18	18		✓	=						
19	19		✓	=						
20	20		✓	=						

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Goldman et al.

TITLE : EMERGENCY CALL SERVICE  
WITH AUTOMATIC THIRD PARTY  
NOTIFICATION AND/OR  
BRIDGING

APPLICATION NO. : 11/725,011

FILED : March 16, 2007

CONFIRMATION NO. : 4152

EXAMINER : Addy

ART UNIT : 2614

LAST OFFICE ACTION : March 17, 2011

ATTORNEY DOCKET NO. : LUTZ 200519US01  
A-L Ref. No. Goldman 56-37-36-44

**RESPONSE AFTER FINAL REJECTION**

**(AMENDMENT B)**

06/04/2011

Please

Enter

TKA

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed March 17, 2011, on the above-referenced patent application, Applicant(s) respectfully request reconsideration of the application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

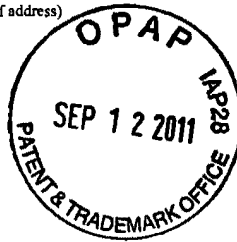
PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**  
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<i>Michele M. Rutter</i>	(Depositor's name)
<i>Michele M. Rutter</i>	(Signature)
9-8-11	(Date)

09/13/2011 TLWU11 00000107 122325 11725011

01 FC:1501 1510.00 DA  
 02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/725,011	03/16/2007	Stuart O. Goldman	LUTZ 2 00519	4152

TITLE OF INVENTION: EMERGENCY CALL SERVICE WITH AUTOMATIC THIRD PARTY NOTIFICATION AND/OR BRIDGING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/12/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
ADDY, THJUAN KNOWLIN	2614	379-202010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Fay Sharpe LLP

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

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**ALCATEL LUCENT Paris, France**Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 12-2325 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Michele M. Rutter*  
 Typed or printed name Michele M. Rutter

Date

9-8-11

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

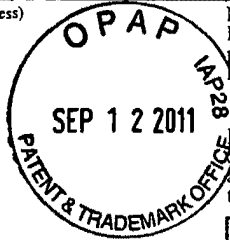
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Michele M. Rutter (Depositor's name)  
Michele M. Rutter (Signature)  
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1 Fay Sharpe LLP

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**ALCATEL LUCENT Paris, France**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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 Typed or printed name Michele M. Rutter

Date 9-8-11

Registration No. \_\_\_\_\_

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/725,011	10/18/2011	8041017	LUTZ 2 00519	4152

48116 7590 09/28/2011

FAY SHARPE/LUCENT  
 1228 Euclid Avenue, 5th Floor  
 The Halle Building  
 Cleveland, OH 44115-1843

**ISSUE NOTIFICATION**

The projected patent number and issue date are specified above.

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
 (application filed on or after May 29, 2000)

The Patent Term Adjustment is 1228 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

**APPLICANT(s)** (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Stuart O. Goldman, Scottsdale, AZ;  
 Richard E. Krock, Naperville, IL;  
 Karl F. Rauscher, Emmaus, PA;  
 James P. Runyon, Wheaton, IL;